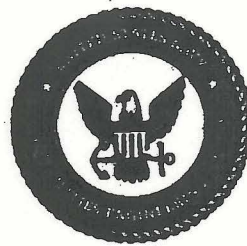


Final
Community Relations Plan
for
Naval Amphibious Base Little Creek
Virginia Beach, Virginia



Prepared for
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Atlantic Division
Naval Facilities Engineering Command
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Acronyms

AOC	Area of Concern
BRA	Baseline Risk Assessment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CMP	Corrective Measures Plan
CRP	Community Relations Plan
CY	Cubic Yards
DoD	U.S. Department of Defense
EE/CA	Engineering Evaluation/Cost Analysis
EPA	U.S. Environmental Protection Agency
FFA	Federal Facilities Agreement
FS	Feasibility Study
IAS	Initial Assessment Study
IRI	Interim Remedial Investigation
IRP	Installation Restoration Program
NAB	Naval Amphibious Base
NACIP	Navy Assessment and Control of Installation Pollutants
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NPL	National Priorities List
PA/SI	Preliminary Assessment/Site Investigation
PCB	polychlorinated biphenyl
PCP	Pentachlorophenol
PRAP	Proposed Remedial Action Plan
PSI	Preliminary Site Inspection
PWC	Public Works Center
RAB	Restoration Advisory Board
RD/RA	Remedial Decision/Remedial Action
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation
RI	Remedial Investigation
ROD	Record of Decision
RRRS	Relative Risk Rating System
RVS	Round 1 Verification Step
SARA	Superfund Amendments and Reauthorization Act
SMP	Site Management Plan
SRI	Supplemental Remedial Investigation
SWMU	Solid Waste Management Unit
TAPP	Technical Assistance for Public Participation
VDEQ	Virginia Department of Environmental Equality

SECTION 1

1 Overview of the Community Relations Plan

The Commander, Navy Region, Mid-Atlantic is responsible for the Installation Restoration Program (IRP) at Little Creek Naval Amphibious Base (NAB), City of Virginia Beach, Virginia. The IRP identifies, assesses, and cleans up or controls contamination from past hazardous waste disposal operations and hazardous material spills. The Navy has developed its IRP to be consistent with substantive and procedural requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). In addition, the IRP is carried out in compliance with all federal, state and local laws and regulations. The U.S. Environmental Protection Agency (EPA) and Virginia Department of Environmental Quality (VDEQ) are the regulatory agencies that work with the Navy to conduct the environmental programs at NAB Little Creek.

The Department of the Navy has implemented a proactive community relations program to address issues during the Installation Restoration process. The Community Relations Plan (CRP) identifies community concerns and outlines community relations activities to be undertaken by the Navy during the Installation Restoration process. The Navy's intent is to provide factual and timely information, encourage community involvement, obtain community feedback, answer questions, and promote understanding about the IRP. The Mid Atlantic Navy Region Environmental Group has responsibility for administering this plan.

This CRP has been prepared to help the Navy meet the needs of the community and is divided into the following sections:

1. Overview of the Community Relations Plan
2. Site Description
3. Community Background
4. Goals of the Public Information Program
5. Techniques and Timing

Appendixes:

- A. List of Contacts and Interested Parties
- B. Sample Questionnaire
- C. Restoration Advisory Board Members
- D. Public Meetings Held to Date
- E. Locations for Information Repository and Administrative Record File and Public Meetings/Hearings
- F. Sample Fact Sheets, Newsletters, and Public Notices
- G. Glossary

1.1 Objectives of the Community Relations Program

At federal facilities, such as NAB Little Creek, the Navy's responsibilities under CERCLA (commonly referred to as Superfund) include performing required community relations activities throughout the cleanup process. The overall objectives of community relations are to:

- Provide the public an opportunity to express comments on and provide input to technical decisions.
- Inform the public of planned or ongoing actions.
- Identify and resolve conflict.

Community relations activities are conducted to ensure that the local public has input to decisions about cleanup actions at hazardous waste sites and is well informed about the progress of those actions.

1.2 CERCLA Community Relations Requirements

The following paragraphs describe required community relations activities. These minimal requirements are set forth in the 1990 National Oil and Hazardous Substances Pollution Contingency Plan (NCP) and in EPA policy documents. As designated by the President in E. O. 12580, the Navy is the lead agency for all CERCLA actions at NAB Little Creek. The Navy will incorporate these requirements into the community relations program at Little Creek based upon Superfund Amendments and Reauthorization Act (SARA) and NCP regulations, and as outlined in EPA guidance summarized below:

- **Community Interviews:** At the beginning of the remedial investigation (RI) and feasibility study (FS) stage, the EPA or agency designated by the President (in this case the Navy) must conduct interviews with affected residents and community leaders to determine their level of interest in the site, major concerns and issues, and information needs.
- **Community Relations Plan:** Based upon the community interviews the Navy, must prepare a CRP which includes a description of the site background, history of community relations activities, and a list of contacts, local officials, and interested parties.
- **Information Repository and Administrative Record:** Prior to remedial investigation, the Navy must establish an information repository at or near the site. According to Section 117(d) of SARA, each item developed, received, published, or made available to the public must be accessible for public inspection in the information repository. Furthermore, the repository must include information describing the technical assistance grants application process. The Navy must inform interested parties of the establishment of the information repository.

SARA also requires that the Navy establish an Administrative Record for the selection of a response action at or near the site. The Administrative Record must include documents that the Navy relied on when selecting a response action. The Navy must publish a

notice of availability of the Administrative Record in a local general circulation newspaper.

- **Remedial Investigation/Feasibility Study and Program Plan Notification:** SARA Section 117(a) and (d) requires that Navy notify the public of the RI/FS report and the Proposed Plan. Definitions of RI, FS, and Proposed Plan are found in the Glossary. The public notice must identify the remedy preferred by the Navy, the other alternatives analyzed, the location where the public can review and copy the Administrative Record, community and Information Repository.
- **Public Comment Period and Public Meeting:** SARA Section 117(a)(2) requires that the Navy provide a “reasonable opportunity for submission of written and oral comments and an opportunity for a public meeting at or near the facility.” The NCP specifies that the Navy must provide at least 30 calendar days for the submission of written and oral comments on the Proposed Plan and the support analysis and information located in the information repository. In addition, the NCP states that the Navy must hold the public meeting during the comment period and discuss the Proposed Plan and supporting analysis and information at this meeting. A transcript of the meeting conducted during the public comment period must be made available to the public and included as part of the Administrative Record. The Navy should place the transcript in the Information Repository.
- **Responsiveness Summary:** At the conclusion of the comment period, SARA Sections 113 and 117(b) and NCP Section 300.430(f)(3)(i)(F) require that the Navy prepare a response to significant comments, criticisms, and new data submitted in written or oral form during the comment period. This response document must accompany the final remedial action plan or other decision document.
- **Public Notice:** SARA Section 117(b) and (d) require the Navy to inform the public through a public notice in a major local newspaper of general circulation when the final remedial action plan is adopted. The Navy must make the final plan available for public inspection and copying at or near the site before remedial action begins.
- **Review and Revision of the Community Relations Plan:** Prior to remedial design, the Navy must review the CRP, and, if necessary, revise it to account for the needs and concerns of the community during remedial design and remedial action that are not already provided for in the current CRP. The Navy may conduct community interviews or other activities to identify these concerns.
- **Fact Sheet and Opportunity for a Public Briefing on the Final Engineering Design:** As required by NCP Section 300.435(c)(3), the Navy must issue a fact sheet and provide, as appropriate, a public briefing prior to the start of the remedial action. This briefing should provide the community with information about construction schedules, traffic pattern changes, etc., and the manner in which information will be provided throughout the remedial action.

Source: EPA Community Relations in Superfund: A Handbook. Prepared by the U.S. EPA, Office of Emergency and Remedial Response, Washington, DC. EPA/540/R-92/009. January 1992.

1.3 Authority and Implementation Responsibility

The Department of the Navy is the federal agency that will ensure compliance with all applicable federal, state, tribal, and local environmental requirements. The IRP at Little Creek operates under the authority of the Commanding Officer of NAB Little Creek, Virginia Beach, Virginia.

The Commanding Officer of NAB Little Creek, with support from the Navy Regional Environmental Group and the Naval Facilities Engineering Command, has the overall responsibility for administering this CRP.

2 Site Background

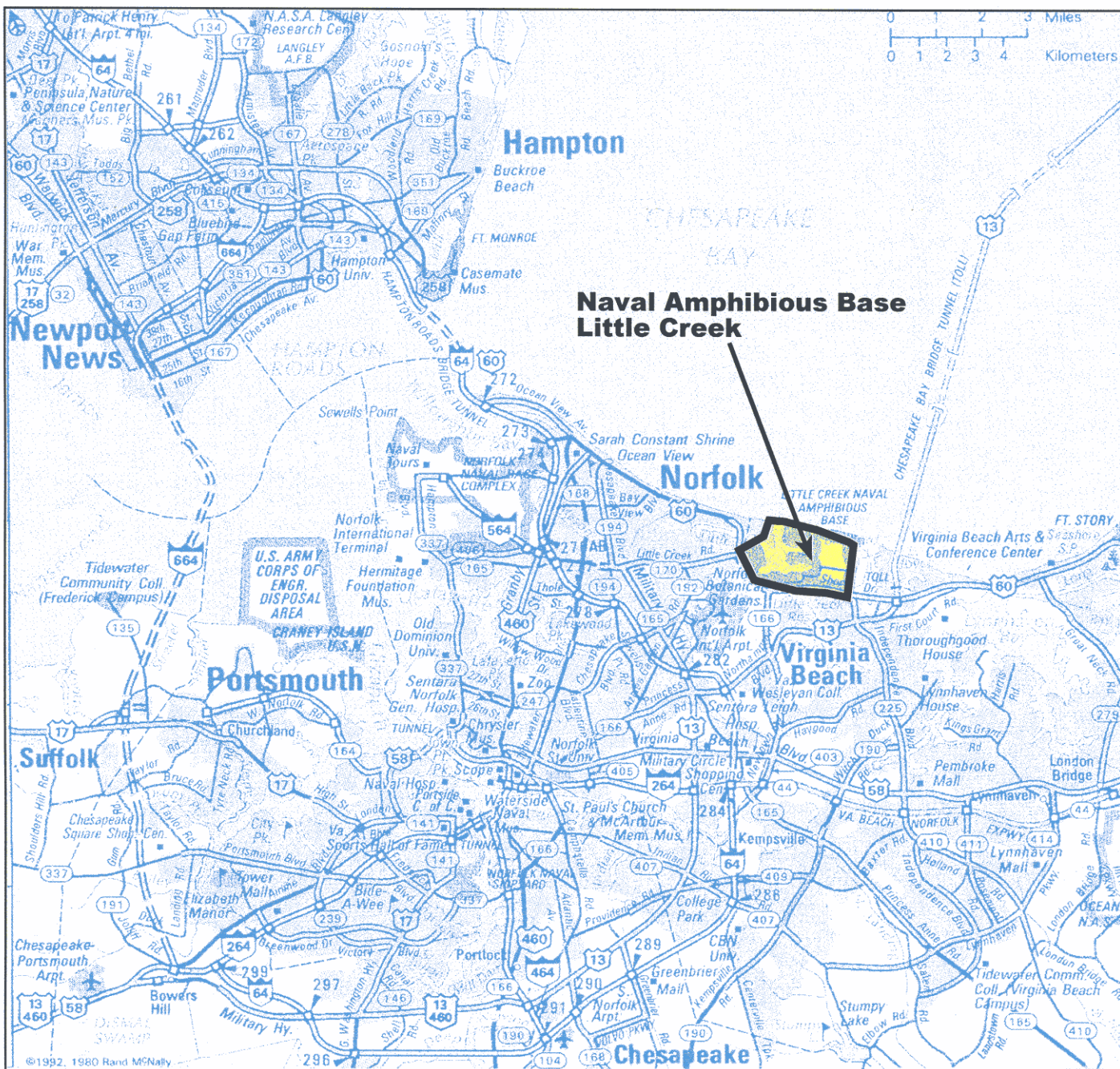
2.1 Site Location

NAB Little Creek is located in the City of Virginia Beach, Virginia. The base is located in the northwest corner of Virginia Beach and its western border abuts the city of Norfolk, Virginia. The area surrounding this 2,147-acre base is low lying and relatively flat with several fresh water lakes (Chubb Lake, Lake Bradford, Little Creek Reservoir/Lake Smith, and Lake Whitehurst) located on or adjacent to the base.

NAB Little Creek is primarily an industrial facility that centers around four saltwater bodies: Little Creek Harbor, Little Creek Cove, Desert Cove, and Little Creek Channel that connect the coves and harbor with the Chesapeake Bay. In addition to industrial land-use, NAB Little Creek is also used for recreational, commercial, and residential purposes. Specifically, the southeast corner of the base has been developed for residential use. Land development surrounding the base is residential, commercial, and industrial. Little Creek Reservoir/Lake Smith, located upgradient of the base, serves as a secondary drinking water supply for parts of the city of Norfolk.

A large concentration of military installations exists within a 25-mile radius of NAB Little Creek. These include Fort Monroe and Langley Air Force Base to the north, Fort Story to the east, Naval Air Station Oceana to the southeast; Norfolk Naval Shipyard and St. Juliens Creek Annex to the south, and Norfolk Naval Base and Naval Supply Center-Craney Island Fuel Terminal to the southwest.

NAB Little Creek is located in the Atlantic Coastal Plain physiographic province in southeastern Virginia see Figure 2-1. This portion of Virginia is referred to as Hampton Roads and also as the Tidewater area. The waters of the Chesapeake Bay, Atlantic Ocean and the York River join to form the “water road,” Hampton Roads. The facility is bordered on the north by the Chesapeake Bay, on the south by Shore Drive, and on the east by Lake Bradford; the facility’s west boundary just stretches over the Norfolk-Virginia Beach border. The central portion of the base is comprised of Little Creek Cove, Desert Cove, and the Little Creek channel that connects with the Chesapeake Bay. NAB Little Creek also maintains jurisdiction of outlying facilities located at Camp Pendleton in Virginia Beach and Morehead City, North Carolina.



Source: Rand McNally

Figure 2-1
REGIONAL LOCATION MAP
 Naval Amphibious Base Little Creek
 Virginia Beach, Virginia

2.2 Site History

What started in 1942 as little more than a muddy bean field off the Ocean View and Virginia Beach highway became the pioneer facility for training amphibious landing craft crews during World War II. The Navy began purchasing land in the area from private estates and the Pennsylvania Railroad just prior to World War II. The first activity to be commissioned was the Amphibious Training Base used for training the amphibious landing craft crews. The other activities commissioned in the area were the Naval Frontier Base a forwarding center for the Amphibious Force and equipment destined for the European Theater; Camp Bradford, a training base for the Navy Seabees; and Camp Shelton, an armed guard training center for merchant ship gun crews. NAB Little Creek was officially commissioned on July 30, 1945, by combining the four contiguous activities. Over the last 50 years, NAB Little Creek has expanded in both area and the complexity of its mission.

NAB Little Creek has grown over the years to meet the needs of the Amphibious Force and the base has developed into one of the most modern facilities in the Navy. Thousands of men and women from all the branches of the Armed Forces, as well as military students from other nations, now pass through the gates of NAB yearly for training in amphibious warfare.

2.3 Installation Restoration Program

Environmental conditions are being investigated through the U.S. Department of Defense (DoD) IRP at NAB Little Creek. The IRP at NAB Little Creek has been conducted in accordance with applicable federal and state environmental regulations and requirements. The Navy has solicited involvement and comments from federal and state regulatory agencies (EPA and VDEQ) throughout the entire IRP process by submitting documents for their review.

2.3.1 Background

In 1981, the Department of the Navy initiated the Navy Assessment and Control of Installation Pollutants (NACIP) Program. The NACIP Program used a three-phased approach to study and clean up sites. NAB Little Creek initiated its environmental restoration, study and investigation efforts under the NACIP Program by conducting an initial assessment study (IAS) in 1984. The NACIP Program was changed in 1986 to reflect the requirements of CERCLA as amended by SARA. This revised program is referred to as the IRP.

The IRP begins site studies with a Preliminary Assessment/Site Investigation (PA/SI) to distinguish between sites that pose little or no threat to human health or the environment and sites that may pose a threat and require further investigation. This stage involves a review of historical documents and a visual site inspection. If the PA results in a recommendation for further investigation, a Site Investigation (SI) is performed. During the SI media samples (such as water and soil) are collected to confirm or deny the presence of potentially hazardous substances.

Based on the results of the PA/SI, an RI may be needed at a site. An RI is designed to learn more about the site contamination and determine if any known contamination is leaving (i.e., migrating from) the site. During this phase, samples are usually collected from the soil, groundwater, surface water (such as creeks or lakes), soils and sediments. The resulting data provides information about the extent of possible contamination and rate of migration, if applicable.

A FS may be conducted concurrently with the RI. The data collected in the RI influence the development of remedial (i.e. cleanup) alternatives able to meet the environmental standards, considering factors such as the degree of contamination and potential human health and environmental risks. A variety of remedial methods are considered, including the “No Action” alternative. Next, a Proposed Remedial Action Plan (PRAP) is presented, outlining several feasible or likely alternatives and recommending the preferred remedial method.

The public has an opportunity to comment on the PRAP during an announced formal public comment period. Site information is compiled in an Administrative Record and placed in the general IRP Information Repositories established at local libraries for public review. The public comments are reviewed and the responses are recorded in a document called a Responsiveness Summary. At the end of the public comment period an appropriate remedial alternative is chosen to protect human health and the environment. The Record of Decision (ROD) document is issued that explains the selected remedial action and includes the Responsiveness Summary.

The final stage in the process is the Remedial Decision/Remedial Action (RD/RA). The RD phase is where the technical specifications for cleanup remedies and technologies are designed. The RA is the actual construction or implementation phase of the cleanup process.

NAB Little Creek began comprehensive environmental restoration activities in 1984 under the NACIP and IRPs. The purpose of the Navy’s NACIP and IRP was to identify, assess, characterize, and clean up or control contamination from past waste management activities at Navy and Marine Corps facilities. Given the nature and extent of its operations, the Navy has been involved with toxic and hazardous materials for several decades. The DoD, as well as general industry, have realized that previously acceptable methods of disposal are no longer sufficient and actions are being taken, through these programs, to clean up Navy sites that pose a threat to human health or the environment. Current Navy waste management operations are in compliance with all federal state, and U.S. Navy regulations to ensure safe operation and disposal.

In the past, the VDEQ has primarily provided regulatory oversight at NAB Little Creek. Now that NAB Little Creek has been placed on the National Priorities List (NPL), the EPA has taken a more active role in providing regulatory and technical oversight to support the IRP/CERCLA activities. In addition, a Federal Facilities Agreement (FFA) has been negotiated between the Navy, the EPA, and the VDEQ. As part of the FFA negotiation process, all past and future work at IRP sites and Solid Waste Management Units (SWMUs) will be reviewed and a course of action for future work requirements at each site will be developed. The FFA includes specific requirements for the preparation and contents of the Site Management Plan (SMP).

2.4 Previous Investigations

NAB Little Creek began comprehensive environmental restoration activities in 1984 under the NACIP and IRPs. The purpose of the Navy's NACIP and IRP was to identify, assess, characterize, and clean up or control contamination from past waste management activities at Navy and Marine Corps facilities. Given the nature and extent of its operations, the Navy has been involved with toxic and hazardous materials for several decades. The DoD, as well as general industry, have realized that previously acceptable methods of disposal are no longer sufficient and actions are being taken, through these programs, to clean up Navy sites that pose a threat to human health or the environment. Current Navy waste management operations are in compliance with all federal state, and U.S. Navy regulations to ensure safe operation and disposal.

In the past, the VDEQ has primarily provided regulatory oversight at NAB Little Creek. Once NAB Little Creek was placed on the NPL in 1999, the EPA has taken a more active role in providing regulatory and technical oversight to support the IRP/CERCLA activities. In addition, a FFA has been negotiated between the Navy, the EPA, and the VDEQ. As part of the FFA negotiation process, all past and future work at IRP sites and SWMUs FFA will be reviewed and a course of action for future work requirements at each site will be developed. The FFA includes specific requirements for the preparation and contents of the SMP.

Various base-wide studies and investigations, including preliminary studies and investigations, and detailed site investigations, have been completed at NAB Little Creek since 1984. A summary of the significant studies conducted to date is provided in the following sections.

2.4.1 Preliminary Studies and Investigations

The following base-wide investigations were completed through the IRP.

2.4.1.1 Initial Assessment Study, dated 1984

The 1984 IAS was conducted to identify and assess sites posing a potential threat to human health or the environment due to contamination resulting from poor hazardous waste management activities. During the IAS, Rogers, Golden & Halpern examined 17 sites at NAB Little Creek. The study entailed the collection and evaluation of archival and activity records relating to waste generation, handling and disposal; characterization of physical conditions at the site such as soil hydrogeology; and identification of migration pathways and potential receptors.

Based on the results of the IAS, six sites were recommended for confirmation studies. The sites were 7,8,10,11,12, and 13. Of the remaining 11 sites, mitigation measures were recommended for the following four sites; 4,5,15, and 16.

No further action was recommended for six of the sites (Sites 1, 2, 6, 8, 14 and 17). Site 3, the West Annex Fuel Spill, was addressed under a separate action. Site 17, the Building 1256 Motor Oil Disposal Area, was added to the Preliminary Site Inspection (PSI) by the Navy. Many of the recommendations for confirmation studies were aimed at resolving the data

gaps revealed in the IAS, and these became the scope of work for the Round 1 Verification Step (RVS).

2.4.1.2 Round 1 Verification Step, dated October 1986

The purpose of the RVS was to verify the presence and/or absence of contamination at the six sites recommended by the IAS (Sites 7, 9, 10, 11, 12 and 13). The results of the RVS sampling and analysis activities were used to develop recommendations for additional investigations at all six sites. The scope of the recommendations were generally limited to continued or expanded sampling during the interim RI (IRI) to confirm the RVS results (IRI, 1991).

2.4.1.3 RCRA Facility Assessment Report, dated 1989

The RCRA Facility Assessment (RFA) conducted at NAB Little Creek was the first step in the RCRA corrective action process, an investigation and remediation course of action that facilities with RCRA Part B permits must go through to renew their permits. The RFA, which involved a record search and SI, but no sampling and analyses, identified 147 SWMUs and several Areas of Concern (AOCs). SWMUs and AOCs are areas where wastes have been stored and/or where contaminants may have been released to the environment.

Prior to conducting a RCRA facility investigation (RFI), the next step in the corrective action process, NAB Little Creek decided not to renew their Part B permit. As a result, the base dropped out of the RCRA corrective action program. However, NAB Little Creek personnel decided to investigate 17 of the SWMUs by including them in the Navy's Relative Risk Ranking System (RRRS) sampling program. The 17 SWMUs were chosen for investigation based on the EPA identifying them as sites of highest concern. See the findings of the 1996 RRRS, following.

2.4.1.4 Preliminary Site Inspection, dated 1991

A PSI was prepared in 1991 to assess the threat to human health and the environment from five sites at NAB Little Creek (Sites 4, 5, 15, 16 and 17). Chemical constituents of concern were detected in the groundwater at Site 5 and further sampling was recommended. At Site 16, elevated levels of polychlorinated biphenyls (PCBs) were detected in the soil, and additional sampling was recommended to delineate contamination. Remediation was also suggested for Site 16. No further action was proposed for Sites 4, 15 and 17.

2.4.1.5 Interim Remedial Investigation, dated 1991

An IRI was conducted to determine whether further characterization activities or RAs were warranted at Sites 7, 9, 10, 11, 12 and 13. The objectives of this investigation were to conduct a second round of sampling at the six sites and to integrate the historical and newly acquired data, along with site-specific recommendations for further action, into a single document. The data were used to develop recommended response action, a human health assessment, and site specific recommendations concerning additional characterization.

2.4.1.6 Background Groundwater Quality Study, dated December 1992

A background groundwater quality study was conducted during three rounds of groundwater sampling at NAB Little Creek. The purpose of this study was to collect, organize and present data on background groundwater quality and conditions. The

Background Groundwater Quality Study report was finalized in December 1992. The third round of sampling results were reported in the RI/FS in November 1994.

2.4.1.7 Site Investigation, dated November 1994

In 1993 through 1994, a site inspection was conducted at Sites 5 and 16. The inspections included soil, groundwater, sediment, surface water and soil-gas sampling. The November 1994 SI report recommended semiannual groundwater monitoring at Site 5 and a soil removal action at Site 16.

2.4.1.8 Relative Risk Ranking System Report, dated 1996

An RRRS was conducted at NAB Little Creek in 1996. The purpose of the analysis was to gather contaminant, pathway and receptor information for 17 SWMUs and to prioritize the SWMUs for investigation and action, based on the risks posed by each one, relative to all others. The SWMUs investigated were those originally identified in the RFA as being potential sites affected by contamination. Data were collected from each of the 17 SWMUs during a field investigation conducted in October 1995. The field investigation was aimed at identification of contaminants in soil, subsurface soil and groundwater. Based on the results of the RRS, three of the SWMUs (SWMU 84, 105 and 111) were identified as posing a high relative risk, when compared to all other SWMUs, and six SWMUs (SWMU 17, 117, and 130-133) were identified as posing a medium relative risk.

2.4.2 Detailed Site Investigations

2.4.2.1 Remedial Investigation/Feasibility Study, dated November 1994

From 1993 through 1994, an RI/FS was conducted at Sites, 7, 9, 10, 11, 12 and 13. The RI/FS included a Phase I Baseline Risk Assessment (BRA). The investigations included soil, groundwater, sediment, surface water and soil-gas sampling. The RI/FS report recommended long-term groundwater monitoring for Sites 9 and 10, a source removal action and post-removal monitoring for Site 11, and additional evaluations at Sites 7, 12 and 13.

2.4.2.2 Phase I Supplemental Remedial Investigation, Site 12, 13, September 1995

At Site 12, Exchange Laundry Waste Disposal Area, a Phase I Supplemental Remedial Investigation (SRI) was conducted from August through September 1995. The SRI which included soil sampling in the area of the former Exchange Laundry, installation of five additional monitoring wells, pumping tests and collection of surface water and sediment sampling from the adjacent canal (FWES, 1995).

The Public Works Pentachlorophenol (PCP) Tank and Wash Rack, Site 13, was also the subject of an SRI. Additional site data were obtained during the Phase I SRI through groundwater sampling west and south of the site, the installation of five additional monitoring wells, groundwater sampling of monitoring wells, slug testing, and collection of soil samples from the dip tank and drying rack area. Surface and subsurface soil sampling during the Phase I SRI focused on defining the areas of soil contamination found during the RI.

2.4.2.3 Feasibility Study, Site 7, October 1997

A final FS was completed for Site 7 (Amphibious Base Landfill) in October 1997 (FWES, 1997). The FS identified remedial alternatives to limit potential human health and environmental risks associated with the contaminants identified at Site 7. The preferred alternative was identified on the basis of the evaluation provided in the FS and was finalized after a public comment period.

2.4.2.4 Proposed Remedial Action Plan, Sites 7, 9, 10, January to October 1997

The purpose of a PRAP is to outline several feasible alternatives and recommend a remedial method. In January 1997 a PRAP and a decision document for both Site 9 and 10 were prepared (Baker, 1997). The documents called for long-term groundwater monitoring due to the contents of the landfills and their proximity to the Chesapeake Bay and other surface water bodies. In October 1997, a final PRAP was completed for Site 7. Alternative 2 of the FS was recommended as the preferred alternative. The alternative consisted of institutional controls, removing visible debris from the landfill surface and placing topsoil in selected areas of the landfill where the existing cover was insufficient, construction of a new perimeter fence, and semiannual groundwater monitoring.

2.4.2.5 Site Investigation, Site 8, 1998

An SI was conducted at the Demolition Debris Landfill, Site 8, in 1998. The SI included the installation of five monitoring wells, groundwater monitoring, the collection of surface and subsurface soil samples at eight locations, and the collection of sediment samples at four locations. The final SI report, submitted in December 1999, also included a qualitative human health risk assessment (CH2M HILL).

2.4.2.6 Phase II Supplemental Remedial Investigation, Sites 11, 12, 13, October 1997 to June 1998

The School of Music Plating Shop, Site 11, was the subject of an SRI in June 1998. As part of the SRI, groundwater samples were collected to define the contaminant source area and extent of contamination at Site 11. As a result of the groundwater sampling, 15 additional monitoring wells and two piezometers were installed at the site (CH2M HILL). The monitoring wells serve to monitor the source area and extent of the plume.

At the Exchange Laundry Waste Disposal Area, Site 12, a Phase II SRI was initiated in October 1997 and continued into 1998 (CH2M HILL). From June through September 1998, eight monitoring wells, nine multi-level samplers, and two piezometers were installed at Site 12.

The last site investigated during the Phase II SRI was Site 13, the Public Works PCP Dip Tank and Wash Rack. Additional sampling was needed at this site to fully delineate the contamination in the soil and groundwater. Soil samples were collected in May 1998 around the former PCP dip tank to define surface and subsurface soil contamination in PCP source area. In June and July 1998, additional groundwater samples were collected to better define the source and extent of contamination at Site 13. Ten additional wells were installed in September 1998 to monitor the defined extent of the contamination and the source area of the plume (CH2M HILL).

2.4.2.7 Removal Action, Site 7, June 1998

In June 1998, the RAs proposed by the PRAP prepared for Site 7, Amphibious Base Landfill, were completed. The remedy included the removal of debris along the landfill shoreline. After the debris removal, clean fill dirt and topsoil were placed on the landfill. A 12 to 18 inch thick fill layer was placed over some areas of the landfill where cover was inadequate and a 6 to 8 inch topsoil cover was placed over the entire landfill area. The remaining landfill waste is currently located an average of 30 inches below ground surface. A new chain link fence was installed along Amphibious Drive and Helicopter Road. Erosion prone areas of the site on each side of the canal crossing were reinforced. A gravel access road and two entrances were constructed across the landfill and caution and restricted access signs were placed around the perimeter of the site.

2.4.2.8 Engineering Evaluation/Cost Analysis, Site 13, September 1998

As a result of the Phase II SRI investigation at Site 13, an Engineering Evaluation/Cost Analysis (EE/CA) was prepared by in September 1998 (CH2M HILL). The EE/CA was prepared to address the PCP soil contamination in the area of the former dip tank. The EE/CA recommended excavation of approximately 150 cubic yards (cy) of soil.

2.4.2.9 Removal Action, Site 13, May 1999

As a result of the EE/CA prepared in 1998 for Site 13, Public Works PCP Dip Tank and Wash Rack , a removal action was completed in May 1999. Approximately, 442 tons of soil contaminated with PCP and other detected contaminants were excavated from the area of the former PCP dip tank. The soil was excavated to a depth of 8 feet in some locations. The site was backfilled, regraded, and paved.

2.4.2.10 Site Investigation, “New” SWMU 3 (SWMU 111), September 1998

“New SWMU 3” (formerly SWMU 111) is the Pier 10 Sandblast Yard. In September 1998 as part of the SI at SWMU 3, four monitoring wells were installed. The SI also included groundwater sampling of the four newly installed wells and one existing upgradient well, the collection of surface and subsurface soil samples at 10 locations, and the collection of sediment at four locations. The final SI report, submitted in December 1999, also included a qualitative human health risk assessment.

Table 2-1 is a quick reference of the IR sites at NAB Little Creek. The table is organized with the site number and name, and the studies that have been conducted to date at each site. The locations of each of the IR sites are also shown in Figure 2-2.

TABLE 2-1
Site Investigations and Studies

Site Number/Site Name	Studies Conducted
1 Oil Disposal Area Near Building 1231	IAS
2 Sandblast Disposal Areas	IAS
3 West Annex Fuel Spill	IAS, SCR, CAP, WORKPLAN
4 Reserve Center Motor Oil Disposal Area	IAS, PSI
5 Buildings 9-11 Motor Oil Disposal Area	IAS, PSI, SI
6 Building 5 Battery Acid Disposal Area	IAS
7 Amphibious Base Landfill	IAS, RVS, IRI, RI/FS, FS, PRAP, RA
8 Demolition Debris Landfill	IAS, RRRS, SI
9 Driving Range Landfill	IAS, RVS, IRI, RI/FS, PRAP
10 Sewage Treatment Plant Landfill	IAS, RVS, IRI, RI/FS, PRAP
11 School of Music Plating Shop	IAS, RVS, IRI, RI/FS, EE/CA, SRI
12 Exchange Laundry Waste Storage Area	IAS, RVS, IRI, RI/FS, Environmental Assessment, Site Characterization, SRI
13 Public Works PCP Dip Tank and Wash Rack	IAS, RVS, IRI, RI/FS, SRI, EE/CA, RA
14 Transformer Storage Areas	IAS
15 PCB Capacitor Spill – Fire Station No. 1	IAS, PSI
16 PCB Capacitor Spill – Pole No. 425	IAS, PSI, SI, CMP
17 Building 1256 Motor Disposal Area	IAS, PSI
18 “New” SWMU 3 – Pier 10 Sandblast Yard	RRRS, SI

**IR SITES**

- 5 BUILDINGS 9-11 MOTOR OIL DISPOSAL AREA
- 7 AMPHIBIOUS BASE LANDFILL
- 8 DEMOLITION DEBRIS LANDFILL
- 9 DRIVING RANGE LANDFILL
- 10 SEWAGE TREATMENT PLANT LANDFILL
- 11 SCHOOL OF MUSIC PLATING SHOP
- 12 EXCHANGE LAUNDRY WASTE DISPOSAL AREA
- 13 POP DIP TANK AND WASH RACK
- 16 # PCB CAPACITOR SPILL, POLE 425

SWMUs

- 3 PIER 10 SANDBLAST YARD

SOURCE: BASE MAP PROVIDED BY LANTDIV

SOURCE: BASE MAP PROVIDED BY LANTDIV

Figure 2-2
IR SITE AND SWMU LOCATIONS MAP
COMMUNITY RELATIONS PLAN

Naval Amphibious Base Little Creek
 Virginia Beach, Virginia

2.5 Site Descriptions

The following sites have been identified in the FFA as requiring RI/FSs under CERCLA. The ultimate closure of each of these sites will require a ROD.

2.5.1 Site 5: Building 9 and 11, Motor Oil Disposal Area

Site 5 consists of an area between Buildings 9 and 11 that measures approximately 100 feet by 150 feet. Buildings 9 and 11 have been used continuously since 1943 by Special Warfare Group 2. In April, 1991, Building 11 was demolished to make way for new facilities, and only the concrete slab foundation and subsurface cable trench remain. A new building is currently under construction. Building 9, used for motor pool maintenance of trucks, trailers, and general purpose military vehicles, was demolished in 1996. A new building, Building 116, was constructed in approximately the same location.

Used motor crankcase oil from the maintenance shop was reportedly disposed in the area between Buildings 9 and 11. The IAS estimated that 1,230 gallons of oil and antifreeze were disposed each year. It is presumed that similar quantities were used in the past, since the level of activity has remained fairly constant. The potential quantity generated at Site 5 could be as high as 50,000 gallons of oil and antifreeze.

Building 11 was originally built as a cable tank building. Seven of the ten, 20 by 25 by 8 feet cable tanks were filled and capped with a concrete cover in 1969. From 1969 until 1981, motor oil, solvents, and antifreeze from boat engines maintained in Building 11 were disposed into the trench through holes in the steel plates and grates. The IAS reported that 2,285 gallons of oil were generated annually from activities in Building 11. If similar quantities are projected back to 1969, as much as 43,000 gallons may have been disposed at Site 5. In May 1995, the remaining three of the original ten cable tanks were cleaned and drained. These three cable tanks were drained and cleaned again prior to being filled with sand and capped with concrete in June 1996. The tanks were completely removed in 1999.

2.5.2 Site 7: Amphibious Base Landfill

The Amphibious Base Landfill covers approximately 30 acres in the south-central portion of the base. The area is bounded on the north by the southeast shoreline of Little Creek Cove, on the east by Helicopter Road, on the south by Amphibious Drive and the Hampton Roads Sanitation District treatment plant, and on the west by a relatively undeveloped area used as an ordnance storage area. A chain link fence borders the landfill to the east and south and Little Creek Cove borders the northern side of the site. All of the waste has been covered with soil. The area bordering Little Creek Cove is well vegetated, with numerous trees and tall grasses. The central portion of the landfill is comprised of a broad flat area bounded by gentle slopes on all sides.

According to the IAS, the landfill operated from 1962 to 1979, receiving pesticides, paints, solvents, and mixed municipal wastes. Before it became a landfill, the site was an arm of Little Creek Cove that was used for the disposal of sediment from the dredging of Little Creek Cove. Some of the original dikes built to contain the dredge spoils are still visible in the northeast corner of the landfill area.

The Amphibious Base Landfill was originally operated as a trench-type landfill with open burning of refuse in the trenches. Cover was applied as necessary to maintain traction for the vehicles involved in the operations. Remaining evidence of the trenches is easily seen along the southern edge of the area. The landfill was later operated as an area landfill with refuse spread over the entire ground surface and covered on a regular basis. This aspect of the operation has brought the surface elevation up to its present level.

The IAS estimated that the landfill contains approximately 500,000 cys of waste. Of this total, a significant majority is probably non-hazardous solid waste from base housing and other residential activities at the base. Specific records concerning the types and quantities of waste placed in the Amphibious Base Landfill are not available.

Waste oils and metals were segregated from the wastes that were placed in the landfill starting in 1970; however, a hazardous waste management plan was not implemented until 1979, which was the year the landfill closed. After closure of the landfill, the area continued to be used as a metal collection and transfer site, waste staging area, and burn area for scrap wood and trees. Currently there is no staging or temporary storage of waste or other materials on the site. Open burning was halted in 1984 and waste storage activities were moved in 1994. In 1994, the landfill was reportedly covered with approximately 24 inches of compacted soil and 2 to 3 inches of topsoil. A vegetative cover was also established in 1994 to keep people from coming into contact with surface soils. The thickness of the soil cover was essentially confirmed by soil borings collected in preparation for the soil cover constructed in 1998.

2.5.3 Site 8: Demolition Debris Landfill

Site 8, the Demolition Debris Landfill, is located at the northeast corner of the intersection of Amphibious Drive and Helicopter Road. It operated from 1971 to 1979 as a disposal area for inert materials. Approximately 4,840 cy of waste are contained in the landfill. Landfill waste was disposed to a depth of approximately three feet in depth and covered two acres in area. The landfill was constructed in a pit where the Public Works Center (PWC) Transportation Division excavated sediments cover the surface of unpaved parking lots. The landfill area did not include the wooded areas between the tributary of Little Creek Cove and Amphibious Drive. Wastes placed in the landfill included debris from buildings destroyed by fire, concrete piping, bar screen debris from the base sewage treatment plants, and mercury contaminated carpeting from demolition of a dental clinic.

Site 8 is situated adjacent to a wetlands area and is a designated wildlife area. A wildlife observation station is located at the east end of the site. Access to the area is unrestricted, although its designation as a wildlife area is believed to minimize access by base personnel.

2.5.4 Site 9: Driving Range Landfill

The Driving Range Landfill is located in the northeast portion of the base, northwest of the golf course, directly east of the Sewage Treatment Plant Landfill and Hewitt Drive, and approximately 500 feet south of the Chesapeake Bay shoreline. The northern perimeter of the landfill is bounded by a network of sand dunes that parallels the bay shoreline. The landfill covers approximately 6 acres. Although precise boundaries for the fill area cannot be

delineated, they generally coincide with the currently operating golf driving range. The existing features include a relatively level and grass covered surface.

The Driving Range Landfill operated from 1950 to 1956. Prior to landfilling operations, the area was apparently a marsh or other lowland adjoining the easternmost arm of Little Creek Cove. Trenches were excavated, filled with waste, and backfilled.

An incinerator located along Hewitt Drive opposite the western perimeter of the Driving Range Landfill was in use during much of the landfill's active time, and apparently burned combustible materials generated by NAB Little Creek. The resulting ash was disposed in the Driving Range Landfill, as were any non-combustible items that bypassed the incinerator. After the incinerator was decommissioned, solid waste from the base was disposed directly in the landfill.

The IAS estimated that the landfill contains approximately 40,000 cys of waste. Historical data concerning the types of wastes in the landfill were not available, but it was reported in the IAS that the landfill wastes included various materials that would now be regulated as hazardous wastes. It is likely that the overall quantity of waste now regulated as hazardous waste is small compared to the total volume of solid waste placed in the landfill.

After landfill operations at the site were stopped, the base converted the area into a golf driving range. A berm was constructed, using clean fill, along the east side of Hewitt Drive and sewage sludge was brought in from the Hampton Roads Sanitation District treatment plant along the southern base boundary to fertilize the grass.

2.5.5 Site 10: Sewage Treatment Plant Landfill

The Sewage Treatment Plant Landfill is located in the northeast portion of the base, south of the Chesapeake Bay shoreline and due west of the Site 9 Driving Range Landfill. The landfill is bounded on the north and partially on the west by sand dunes, on the south by 11th Street and recreational facilities, and on the east by Hewitt Drive. The landfill which is approximately 18 acres in size began operation in 1941 and was the first landfill to be used at NAB Little Creek. A total volume of 46,500 cys of waste was estimated as possibly being disposed in the landfill.

The types of waste placed in the Sewage Treatment Plant Landfill were predominantly solids (paint, pesticides, and mixed municipal wastes) until 1952. Disposal of sewage sludge from the on-site sewage treatment plant, formerly located to the southeast of the landfill, continued until 1968, the year in which the treatment plant closed. The bulk of the sewage sludge was disposed along the northwest perimeter of the landfill near the sand dunes.

According to the IAS, the landfill was the only operational landfill on the base between 1941 and 1952. All of the household and industrial wastes generated on the base, including a variety of wastes that would now be considered hazardous were disposed here. A large quantity of demolition debris was also disposed in the landfill.

2.5.6 Site 11: School of Music Plating Shop

The School of Music Plating Shop was located in Building 3651. This building is located in the eastern portion of the base, near the intersection of 7th and E streets. The School of Music, located in Building 3602, is southwest of the former plating shop. The actual site consisted of

an in-ground concrete tank (with associated piping) that was used to neutralize very small quantities of acidic plating baths that were disposed down the sink drain. The tank was approximately 10 feet east of the southeast corner of Building 3651.

The neutralization tank for the plating shop was five feet in diameter and eight feet deep. Wastewater entered the tank through an acid resistant drainpipe that began at a sink in Building 3651 and ended at an outfall on the western side of the tank. According to the IRI, neutralized waste water was discharged from the unit into the storm sewer through an outlet and drain from the northeast side of the tank. All wastewater had to pass through limestone before it could enter the discharge pipe connecting with the sewer.

The IAS reported that small quantities of mixed plating-related wastes were discharged into the neutralization tank for ten years starting in 1964. In 1974, the plating operations were transferred to a separate facility and discharges into the neutralization tank were discontinued. The plating shop reportedly used silver cyanide, copper cyanide, chromic acid (brite dip), nickel plating baths, various acids, lacquer, and lacquer stripper. Small quantities of these plating baths, acids, and lacquer strippers were disposed down the sink in the plating shop, which drains into the neutralization tank and eventually into the sewer system. The IAS estimated that approximately 10 gallons of each plating chemical and lacquer stripper were disposed in the shop sinks each year.

A decision document was issued by the Navy in November 1994, proposing the removal of the neutralization tank, associated piping and neighboring surface and subsurface soil. The neutralization tank, piping and surrounding soil were excavated in November 1995.

2.5.7 Site 12: Exchange Laundry Waste Disposal Area

The Exchange Laundry/Dry Cleaning facility was located in building 3323, near the intersection of 3rd and B streets, in the eastern portion of the base. The Laundry Facility has been removed and a new NEX Building built in its place. Building 3323 was torn down in 1987 for the construction of the existing commissary (Building 3445). The sewer received dry cleaning wastes from the former NEX laundry and drained to a canal that flows from Lake Bradford to Little Creek Cove. Site 12 now consists of the former location of this facility. Site 12 also has several areas where underground storage tanks were located. These tanks were later removed.

Based on recommendations in the Site Characterization Report for the Commissary Construction Project, the storm sewer was removed and the area regraded.

The ground surface at the site was mostly an asphalt paved parking area associated with the car wash and former Buildings 3432, 3433, 3434, and 3435 (replaced by Building 3445). The current commissary building was commissioned at the site in early 1993.

2.5.8 Site 13: Public Works PCP Dip Tank and Wash Rack

Site 13 is located near the intersection of 7th and F Streets in the eastern portion of the base approximately one block west of Site 11. The site consists of the dip tank formerly used to treat wood with PCP, an adjacent area that contained drying racks for the PCP-treated wood, an open area formerly used by the PWC for storage of supplies and equipment, and a

concrete wash rack at the southwestern end of the area. The combined areas extend over approximately 30,000 square feet.

The PCP dip tank was located near Building 3165E and was used from the early 1960s until 1974. Wood was dipped into the tank and set on the racks for drying. These racks were located immediately east of the dip tank between the tank and Building 3165E. The area formerly containing the PCP dip tank and drying racks has since been paved with asphalt, fenced, and converted to a PWC storage area. The tank was dismantled in 1982.

The wash rack and associated storage area continues to be used by the PWC to clean vehicles, equipment, and miscellaneous objects with steam and chemical cleaners. The wash rack, located at the southwestern corner of the storage area, is a concrete pad with bermed sides and centrally located deck drain. Wash water and other runoff from the rack flows through the central deck drain into an oil/water separator located under the paved driveway between the wash rack and Building 3165.

A PCP soil removal action was conducted in May 1999 and approximately 150 cys of soil were excavated and removed from the site (CH2M HILL).

2.5.9 Site 16: PCB Capacitor Spill, Pole No. 425

The area of the PCP capacitor spill around Pole No. 425 is located approximately 300 feet east of the intersection of Amphibious Drive and Helicopter Road on the south side of Amphibious Drive. Pole No. 425 was struck by lightning in the early 1980s. Less than five gallons of dielectric fluid containing PCBs were found missing from the capacitor formerly attached to Pole No. 425. The capacitor has since been removed from the pole but the pole is still in use. There is no visible evidence at the site that would indicate a spill of PCB-laden fluid.

A corrective measures plan (CMP) was prepared in September 1994 to identify removal actions and costs. A removal action consisting of excavation and disposal of any PCB contaminated soil, vegetation, and the utility pole was completed in 1995.

2.5.10 “New” SWMU 3 (SWMU 111): Pier 10 Sandblast Yard

“New” SWMU 3 (formerly SWMU 111) is the Pier 10 Sandblast Yard. This area was used for sandblasting boats from 1962 to 1984. After 1984, anchors and anchor chains were sandblasted at the site. Until 1995, sandblasting took place on a concrete pad located on the west side of Building 1263. The sandblast material was periodically removed from the site for disposal following EPA toxicity testing indicating the residue was not hazardous. Paint chips and grit covered the unpaved ground south of the pad to the water’s edge and near shore bottom of Little Creek Channel. In 1982, a fence was installed around the sandblasting area to limit access to the site. The fence also prevented any windblown sandblast materials from migrating outside the fenced area. 1993 photos indicate that the majority of the area had been covered with asphalt. In approximately 1995, a new sandblasting area was constructed in the northwest corner of the compound. The old sandblasting area was not used after 1995. All sandblasting operations at SWMU 3 ceased in 1996 when the new indoor blasting facility, CB125, was completed.

3 Community Background

3.1 Community Profile

NAB Little Creek is located in the City of Virginia Beach. Virginia Beach occupies 258.7 square miles of land and 51.3 square miles of water. The average elevation of Virginia Beach is 12 feet above sea level.

Virginia Beach is the most populous city in the Commonwealth and the 38th largest city in the United States. According to the 2000 Census Bureau 439,889 people lived in Virginia Beach and by the year 2010, population is projected to be 500,000. (Source: Virginia Beach Economic Development 2001-2002 Data Sheet). The median age is one of the youngest in the United States at 32 years old and the population is evenly split at 50.5 percent female and 49.5 percent male. According to the 2000 Census, 97.3 percent of the population are of one race. Of those reporting one race, 71.4 percent are white, 19 percent are black, 0.4 percent are of American Indian and Alaska Native heritage, 4.9 percent are Asian, 0.2 percent are Native Hawaiian/Pacific Islander, and 1.5 percent reported some other race. The average number of persons per household is 2.7 and the median income (estimated) is \$49,525. The number dwelling units in the city is estimated at 160,631. The education level at 25+ years is approximately evenly divided between some college (26 percent) and high school graduate (29 percent) with the remaining percentages for Associate Degree at 7 percent, Bachelors Degree at 18 percent, Graduate Degree at 8 percent, some high school at 9 percent, and elementary school at 3 percent.

NAB Little Creek also abuts the City of Norfolk on its western border. Norfolk is a city with a population of nearly 250,000 and a land area of 61.86 miles. The median age is a very young 29.6 years. The population split for Norfolk is 51.1 percent male and 48.9 percent female. Of the 97.5 percent claiming one race, 48.4 percent are white, 44.1 percent are black, 0.5 percent American Indian or Alaska Native, 2.8 percent are Asian, 0.1 percent are Native Hawaiian/Pacific Islander, and 1.7 percent claim some other race. The remaining 2.5 percent of the total population are of two or more races. In Norfolk the average household size is 2.45 persons and the median household income is \$23,563. The number of housing units in the city is 94,416 and 45.5 percent of the units are owner occupied. The education level for persons 25+ years old is 72.7 percent high school graduates, 16.8 percent college degrees and 5.8 percent with graduate degrees. (Source: Norfolk Planning Department website).

The military “family” in the Hampton Roads area is estimated to be 85,057 active and reserve military members. In addition, there are 108,000 military family member, 34,000 retired and survivors and 28,125 federal civilian employees. (Source: “The Navy in Hampton Roads,” by the Commander, Norfolk Naval Base).

NAB Little Creek is comprised of four separate locations in three states, including almost 12,000 acres of real estate. The main base located adjacent to Highway 60 is approximately 2,120 acres. The outlying facilities include 350 acres at Camp Pendleton south of Virginia Beach, and 21 acres known as Radio Island at Morehead City, North Carolina.

The mission of NAB Little Creek is to provide required support services to over 15,000 personnel of the 27 homeported ships and 78 resident and/or supported activities. NAB Little Creek, the largest of its kind in the world, is the major operating facility for the amphibious forces of the United States Atlantic Fleet. (NPL Site Narrative Listing website, 1998; Department of Navy Environmental Program website, 1997).

The NAB Little Creek facility has an annual payroll of \$215 million for approximately 9,000 military personnel and 2,800 civilian employees. The population of the base tends to increase in the summer when significant numbers of midshipmen and Navy/Marine Corps reservists train in amphibious/expeditionary warfare. Approximately 3,650 military personnel and their families reside in the several housing areas at NAB Little Creek.

3.2 Community Involvement History

NAB Little Creek has conducted a proactive community relations program throughout the IRP and CERCLA process. The sections below describes some of the community relations activities.

3.2.1 Restoration Advisory Board

A Restoration Advisory Board (RAB) is an advisory board made up of community members, local environmental group members, and local state and federal officials. The RAB at NAB Little Creek was initially formed in 1994 and has been an integral part of the community relations program since its inception. Currently, there are 13 members of the RAB and the board meets on a regular basis, usually every 6 months, to allow concerned citizens to communicate and interact with the Navy on IR activities. At each meeting members are given updates, briefings and/or technical presentations on the status of the IR sites with ongoing work.

The current list of RAB members is provided in Appendix C.

3.2.2 Fact Sheets, Newsletters, and Handouts

The IR managers at NAB Little Creek have made a concentrated effort to inform the public of the various IRP actions and proceedings. Some of the past fact sheets include: "Site 12 Exchange Laundry Disposal Area Remediation Alternatives", "Site Updates", June 1998, "Site 11 School of Music Plating Shop, Site 16 Pole #425 PCB Capacitor Spill Removal Action Update" and "West Annex Sandblast Area Soil Removal Action", September 2000 which is included in Appendix F.

Newsletters have been used in the past to inform the public of the progress clean up activities at one IR, Site 16. The newsletters include: "Clean-up Begins at PCB Site", March 20, 1995 and "PCB Site is Cleaned, Restored", Volume 2, April 1996.

Handouts have been provided at RAB meetings to provide details on the Superfund program and IR sites. "Partnering and the Superfund Program" was made available at the June 1999 RAB meeting to explain the Superfund document preparation and regulatory review process after NAB Little Creek's inclusion on the NPL in May 1999. At the same RAB meeting a handout was provided as a summary of the EE/CA for Site 13 Alternative 3 Removal Action.

At each RAB meeting, copies of any slide presentations and overheads are always made available to attendees. Past fact sheets, handouts and newsletters are available for viewing at the repositories.

3.2.3 Proposed Remedial Action Plan

A PRAP is a CERCLA requirement that requires the Navy to summarize for the public the preferred clean up strategy, rationale preference and a discuss alternatives presented in the RI/FS. A PRAP may be prepared as either a fact sheet or separate document.

A detailed PRAP document was prepared in March 2001 for Sites 9 and 10 to present the preferred alternative for addressing the contamination at the sites. The public comment period was conducted from March 28 – April 30, 2001. To explain the PRAP, a public meeting was held on March 28, 2001 at Drexler Manor at NAB Little Creek.

3.2.4 Public Meetings

Meetings with the general public are held to allow community members to obtain information about IRP activities at NAB Little Creek and to voice their concerns about activities at the installation. When meetings are held as part of public comment periods, transcripts are prepared and placed in the public Information Repositories. In addition, Responsiveness Summaries have been prepared for public comments received as a part of the public comment period for PRAPs.

Public meetings and RAB meetings are generally held at NAB Little Creek or at convenient offsite locations. Appendix D provides a list of recent public meetings.

3.2.5 Other Outreach

The community most directly affected by the Little Creek NAB IRP include the Navy and civilian personnel at Little Creek and residents living near the base.

Many community members know that NAB Little Creek sponsors or participates in many activities in the area such as Clean the Bay Day, festivals such as Harborfest and many sporting events. The Public Affairs office endeavors to work closely with the Virginia Beach Chamber of Commerce, Mayor's office and other local public officials to coordinate the many community activities.

3.3 Key Community Issues and Concerns

As required by DoD IRP guidelines, Navy officials conducted community interviews with local residents, city officials, Navy and civilian personnel in 2001 to gather the community's responses, concerns and ideas. A sample interview questionnaire is presented in Appendix B.

TABLE 3-1
Profile of Community Interview Participants

	Virginia Beach	Norfolk	Other
Elected Officials	1	1	
Civic League Member	1	1	
Conservation Groups	1	1	
Newspaper Editor or Reporter	1		
RAB Members	1		
Residents	2	1	1
Total Interviewed	7	4	1

Based on the comments and responses received at the time of the interviews, the community's current key issues and concerns regarding the NAB Little Creek IRP can be identified and organized into the following categories:

- Objectives of the NAB Little Creek IRP
- Responsiveness of Base Officials to Community Concerns
- Current Environmental Concerns about NAB Little Creek
- Economic Impacts to Local Community
- Reliability of the Local Press
- Involvement in Future IRP Activities

During the interview process, Navy officials determined the types of information community members want to receive and the Navy has used this input to design the CRP. The issues and concerns voiced during the community interviews are discussed in the remainder of this section.

3.3.1 Objectives of the NAB Little Creek IRP

Of the community members surveyed 50 percent knew of the IRP and its objectives and 50 percent did not. While some of the community respondents may have not known about the existence of the IRP as a program, 66 percent were confident to very confident that the Navy IRP leaders are meeting the objectives of the Installation Restoration Program. Specifically some of the comments received:

- Navy is doing a good job of addressing environmental issues. The environment is important to the NAB Little Creek and the whole community.
- The Navy is doing a remarkable job! They have been forthright about past mistakes and now have a plan of action.
- I know NAB Little Creek is on the NPL and I have a good opinion of the Navy's work through the IRP.

- NAB Little Creek is carefully studying and monitoring the contamination sites to decide what action to take about each site.

When asked if community members approved of the way the Navy, federal and state agencies handled environmental issues in the community, 75 percent approved and 25 percent were unsure or unaware. Interestingly, three (33 percent) of the respondents who approved of the way environmental issues were handled in particular mentioned the CERCLA partnering process as a positive action in the IRP program. Some of the comments were:

- Partnering has been a major success
- EPA/VDEQ/LANTDIV partnering for the NPL issues is using a 'private' approach. We need agencies to work together—cooperatively.
- The partnering over the last couple of years has been wonderful!

3.3.2 Responsiveness of Base Officials to Community Concerns

Community members interviewed were asked if they had contacts with base officials concerning environmental issues at NAB Little Creek. 55 percent reported contact with officials and 45 percent reported no contact. As an additional part of the question, interviewees were asked to rank on a scale of 1 to 5 (1 = not concerned or helpful, 5 = very concerned and helpful) to rate the responsiveness of the officials to their concerns. Of the community members who had contact with base officials, 71 percent rated the responsiveness as concerned and helpful and 28 percent rated the responsiveness as somewhat helpful.

The specific comments ranged from:

- Navy and contractor people have been eager to share information and explain what is going on.
- Officials have been very responsive. The Commanding Officer in charge today is great.
- The Navy has the RAB and contractors being very responsive—this bodes well for the Navy to be proactive.
- Any questions I have had have been helpfully answered.
- One phone contact with Little Creek for comment on the Superfund declaration. The person who handled my query was fine, though I got scant details of the restoration program.

3.3.3 Current Environmental Concerns about NAB Little Creek

Many people believe NAB Little Creek to be a good neighbor and do not have environmental concerns about environmental activities at the base. When asked to rate the community's level of interest in environmental issues at NAB Little Creek on a scale of 1 to 5 (1 = not sensitive, 5 = very sensitive) the responses were: 30 percent answered 2 = a little sensitive, 10 percent answered 3 = sensitive, 40 percent answered 4 = more sensitive and 20

percent indicated 5 = very sensitive. The respondents who explained their answers indicated that water quality was the highest environmental concern.

When interviewees were asked if they had been impacted in any way by previous environmental practices at NAB Little Creek, 75 percent indicated no impacts. The people who answered yes cited the following reasons:

- Environmental practices a concern – stormwater drainage flows under Shore Drive
- Contamination of groundwater and surface water drainage into the Chesapeake Bay the main impacts.

3.3.4 Economic Impacts to Local Community

As businessmen and homeowners, 75 percent of the community members believed that previous environmental practices at NAB Little Creek had or will have little or no economic impacts on this community. Of the 25 percent who believed there were economic impacts, water quality, health concerns and safety were considered the greatest concerns.

Additional comments were:

- Any environmental improvement will heighten the economic value of businesses or homeowners. If people realized the cost of cleanup, they would be more likely to practice pollution prevention.
- There is a balanced effort at cleanup at NNSY and Little Creek.
- I strongly believe that the Navy must have well managed environmental practices.
- No direct economic impact, but taxes are probably higher because of the cleanup.
- As a resident of Bay Lake Pines, the current environmental practices at Little Creek continue to make the neighborhood a good one in which to live.

3.3.5 Reliability of the Local Press

The local press is considered somewhat reliable in terms of offering accurate information. The responses were: 33 percent considered the newspaper reliable, 33 percent viewed the newspaper as not reliable and 33 percent considered a newspaper as somewhat reliable/depends on paper and/or reporter. Three individuals specifically named Scott Harper of *The Virginian Pilot* as a reliable reporter on environmental issues.

The communication levels could improve as 75 percent of the community members interviewed had not seen any public notices in the newspaper. Community members were also asked if the Navy could do a better job in providing information about environmental programs at NAB Little Creek and what would be the best ways to provide the information. 80 percent of the people interviewed said yes the Navy could do a better job. The preferred methods were as follows: 62.5 percent would like the information posted on a website or emailed to them and 37.5 percent preferred factsheets or newsletters. Twenty percent of the people interviewed believed the Navy is currently doing a good job at disseminating information about environmental programs.

3.3.6 Involvement in Future Installation Restoration Program Activities

The community members interviewed were asked if they had participated in IRP activities at NAB Little Creek in the past. Seventy five percent of the people interviewed had no involvement in IRP activities, while 25 percent had participated in IRP activities. The interviewees who had participated in IRP activities pointed out that they had been involved in the RAB since its inception. Seventy five percent of the community members interviewed would like to be included in future IRP activities at NAB Little Creek and most provided contact information for future mailings.

4 Goals of the Public Information Program

The community relations program at NAB Little Creek is designed to provide the local community with many opportunities to learn about how to participate in the IRP. It focuses on ensuring two-way communication between the Navy and interested parties, being responsive to their information needs, and keeping them informed of technical progress at the Little Creek sites under current investigation.

Based upon the information collected during the community interviews, the Navy will incorporate the following approaches into its ongoing community relations effort at the NAB Little Creek:

- Establish credibility in the local communities by encouraging an open dialogue between Navy officials and the public, and by responding to concerns and requests in a prompt, meaningful way.
- Provide interested parties with accurate, timely and understandable information about what is important to them.
- Solicit public opinion on cleanup activities and provide opportunities for community involvement in the Navy's decision-making process.
- Inform the community and state and local officials of planned and ongoing site activities and coordinate community relations activities with all interested parties.
- Maximize community involvement by using local media, the existing mailing list, and other available resources to publicize upcoming events.
- Monitor the community's concerns and information needs, especially following the selection of preferred cleanup alternatives for the NAB Little Creek sites.

5 Techniques and Timing

5.1 Community Relations Activities Schedule

The Navy will continue to be proactive in its community relations effort at NAB Little Creek and initiate additional community relations activities to keep the affected communities and other interested parties well informed about the remedial activities related to the NAB Little Creek IRP. These activities will also promote the various opportunities for the public to express their viewpoints and participate in the decision-making process.

Each community relations activity relative to the cleanup schedule for the NAB Little Creek sites are discussed in detail below. Activities and their approximate timing are as follows.

5.1.1 Designate Navy Contacts to Maintain Ongoing Communication

The Navy has identified Ms. Dawn Hayes as the Community Outreach Coordinator for the IRP at NAB Little Creek. In this role, Ms. Hayes serves as the central information source for public and media inquiries. As key spokesperson she will answer telephone calls and respond to written inquiries about site activities. She will keep a logbook of all citizen requests and comments and how each one was handled to ensure a documented record of community response. Ms. Hayes may be reached at (757) 322-4792 or email at HayesDM@efdlant.navy.mil.

5.1.2 Conduct Informal Meetings and Maintain Telephone Contact

Navy officials will hold regular meetings as necessary with federal, state and local officials, and other interested groups, using flexible formats adapted to each audience. The Navy will distribute pertinent information from technical reports at this time. Navy officials will maintain telephone contact, use electronic mail, and send faxes as needed to keep these parties informed of base activities and to coordinate releases of public information.

5.1.3 Conduct Regular Meetings of the Restoration Advisory Board

The Navy will continue its active role in the NAB Little Creek RAB. The RAB was first formed in the 1994. The board consists of community members, representatives from local environmental groups, and local, state and federal officials. The Board meets on a regular basis to review and comment on technical documents and plans relating to the IRP at NAB Little Creek. The purpose of the RAB is to provide an opportunity for the Navy to exchange information regarding the cleanup program and seek community involvement in assisting the Navy and the regulators, the EPA and VDEQ, in making cleanup decisions. All NAB Little Creek RAB meetings are open to the general public.

5.1.4 Provide Information about Technical Assistance for Public Participation

The Technical Assistance for Public Participation (TAPP) program provides a way for RABs to obtain technical assistance to help them better understand technical documents and

provide input into IRPs. Examples of TAPP projects include reviewing restoration documents and proposed remedial technologies, interpreting environmental health effects, and participating in relative risk ranking exercises (which are used to prioritize restoration activities at a facility). RABs may request TAPP presentations or training through their Navy facility Co-Chair.

Community members of a RAB can define a proposed TAPP project, evaluate sources of assistance, and prepare a TAPP application. The Navy facility co-chair forwards the application to the Base Commander. Upon his approval, the contracting office can initiate a purchase order. Once a provider is hired, the Navy funds the purchase order, up to \$25,000 per year or 1 percent of the total restoration cost (whichever is less), with a total limit of \$100,000 over the life of the IRP at any one installation.

5.1.5 Prepare Fact Sheets to Update Community Members

The Navy will develop fact sheets at RI/FS milestones and during the subsequent cleanups to enhance community knowledge and promote public participation in the plans and actions of the NAB Little Creek IRP and the RAB. Sample past fact sheets are included in Appendix F.

At a minimum, fact sheets will be issued:

- Upon completion of the RI process to summarize results and present a schedule of upcoming FS activities.
- At least 2 weeks prior to the public comment period on the RI/FS Report and Proposed Plan to announce possible alternatives and the public comment period.
- Upon final selection of a RA, including any effects the remedy may have on the community.

Additional fact sheets will be prepared as site activities or other developments warrant.

Fact sheets will provide the following information: site history, actions performed, current status, and a concise description of issues. All fact sheets will inform the public how to reach contact persons to ask questions and will provide the addresses for the information repository and administrative record, where documents related to the NAB Little Creek IRP are available for public access and copying.

The Navy will mail fact sheets to those on the mailing list and RAB members and will place a copy of each fact sheet in the IR file at the Bayside Area Library in Virginia Beach.

5.1.6 Maintain and Update a Mailing List

The Environmental Outreach Coordinator (Ms. Dawn Hayes) maintains and updates a mailing list for the NAB Little Creek IRP. Fact sheets and public meeting information are sent to all parties on this list. Any interested citizen or groups will be added to the mailing list upon request by contacting the IRP Manager or by filling out a request at a RAB meeting. Appendix A contains a current mailing list of interested parties. However, to protect privacy, the names and addresses of private individuals on the mailing list (those who do not represent an organization or group) are not published in the appendix.

5.1.7 Prepare News Releases and Hold News Conferences

The purpose of news releases and press conferences is to provide timely, accurate information to the local media, as needed. Navy officials will prepare news releases and/or hold news conferences to report major site events and to announce public meetings and other opportunities for public involvement. In particular, news releases may be issued:

- At the beginning of the RI/FSs sampling and analysis
- At the completion of the RI/FSs
- At the commencement of the public comment period on the alternatives identified in the RI/FS Report and Proposed Plan, and
- When final engineering designs are made available

The Navy will distribute news releases to local, known media, such as the *Virginian Pilot*, *The Beacon*, *The Compass* and *The Gator*. On occasion the Navy may contact a local television or radio station to announce public meetings or to report on site events. The Navy will attempt to notify federal, state, and local officials in advance of releasing a major news item to the media.

The Environmental Outreach Coordinator (Ms. Dawn Hayes) will assess the need for any news conference based upon the level of interest shown both by the media and the public during the IRP process. Should such a briefing be necessary, the Environmental Outreach Coordinator will arrange the event, identify possible speakers and prepare them for media questions, and develop press kits.

Press releases will be distributed via the existing mailing list, public meetings, and the information repository. Addresses and telephone numbers of federal, state, and local officials, community organizations and citizens groups are included in Appendix A.

5.1.8 Conduct Public Availability Sessions

The Navy may conduct informal public availability sessions as needed throughout the IRP at NAB Little Creek, when new information becomes available or at significant milestones such as the completion of the RI or answer questions from the community. See Appendix D (Public Meetings Held to Date) for a listing of previous meetings. The Navy will make every effort to involve federal state and local government and health officials in these meetings, to supplement the technical expertise offered by Navy contractors.

Upon completion of the RIs, Navy officials may hold a public availability session with the local community to discuss the findings and plans for the FSs. Other sessions will be considered at the completion of the FSs, at the completion of the cleanup designs, and before the cleanup actions begin.

5.1.9 Hold Public Meetings and Provide a 30-day Comment Period

Navy officials will conduct the required public meetings as necessary to solicit public comments from residents of nearby communities, particularly Virginia Beach and Norfolk on major decisions regarding the NAB Little Creek IRP. See Appendix D (Public Meetings Held to Date) for a listing of previous meetings.

The Navy will hold a public meeting at the conclusion of the RI/FS(s). In advance of the meeting, the Navy will issue a Proposed Plan and publish a notice announcing a 30-day comment period in a major local newspaper of general circulation. The notice will include a brief summary of the Proposed Plan and advertise the availability of the Final RI/FS Report and the Proposed Plan in the information repository.

The public meeting will be scheduled at a time to encourage the greatest possible participation and will focus on soliciting comments from the public. The meeting will be publicized at the opening of the public comment period and will be held during the 30-day comment periods.

During the public meeting, Navy officials will discuss the findings of the RI/FS Report, the various cleanup alternatives, the Navy's preferred cleanup/treatment alternative, and the rationale for the choice. Members of the public will have an opportunity to ask questions and make comments at the meeting. A court reporter/stenographer will prepare a transcript of the public meeting. The transcript will be made available to the public and will become part of the administrative record. Also, the transcript will be placed in the information repository within 2 weeks of the public meeting.

Community members also may submit written comments on the Proposed Plan during the public comment period. The public comment period can be extended an additional 30 days if requested by the public.

5.1.10 Prepare a Responsiveness Summary

At the conclusion of the public comment period for the Proposed Plan, a Responsiveness Summary will be prepared to aid the Navy in reaching a decision about the remedial alternative. The summary will inform the Navy decision-makers about the community preferences with respect to specific remedial alternatives, as well as general community concerns. It also provides the public with documentation of citizen concerns and Navy responsiveness to those concerns. The Navy then will issue a ROD that will document the cleanup alternatives that have been selected for use at the NAB Little Creek sites.

The ROD and Responsiveness Summary will be available for public review in the information repository prior to the start of the cleanup action. The Navy will publish a notice of the availability of the ROD and Responsiveness Summary in a major, local general circulation newspaper.

5.1.11 Maintain an Information Repository

Navy officials have established an Information Repository file at the Bayside Area Library to hold documents related to the NAB Little Creek IRP. Documents in the repository are available for public inspection during normal library hours. Appendix E lists the hours of operation and a contact person. The location of the repository will be included in public notices and fact sheets, as appropriate.

The repository will include the CRP, site reports, technical summaries, press releases, fact sheets, transcripts, RAB information, and general Superfund literature. A current index is available on request by contacting Ms. Hayes. Publicity regarding the repository is included in each press release.

The Environmental Outreach Coordinator (Ms. Dawn Hayes) is responsible for maintaining the repository and ensuring that documents are added to the information file as work continues at the NAB Little Creek sites.

5.1.12 Establish an Administrative Record File

The Navy has established an Administrative Record file for NAB Little Creek and it is located at the Central Library in Virginia Beach. The location of the Administrative Record is located in Appendix E. The file contains all information used by the Navy to make its decision on the selection of a response action (long-term cleanup) for the NAB Little Creek sites. Copies of the Administrative Record documents are included in the information repository at the Bayside Area Library.

5.2 Prepare and Revise the Community Relations Plan

The CRP identifies concerns and outlines community relations activities that have been and will be conducted to encourage public participation in the IRP. It also provides guidance and suggestions for both current and future actions and investigations that may affect the level of community involvement. This CRP is an update of the original plan that was prepared in conjunction with community interviews in May 1995.

The Navy has prepared this update to the CRP based on the concerns and information needs identified during community interviews held in 2001. The Navy intends to implement the techniques outlined in this CRP, as appropriate. Navy officials will review the CRP during the course of NAB Little Creek site activities with regard to changing community concerns and information needs as they become known. In particular, the Navy will review the CRP after the ROD has been written but before RD activities have started, and if necessary will revise the document to reflect the community's changing concerns.

The revised CRP will assess the success of the community relations program to date and outline community relations activities appropriate to the RD and RA phases. The Navy may conduct additional community interviews at this time. During its review, Navy officials will:

- Update facts and verify information in the CRP.
- Assess the community relations program to date and indicate if the same or different approaches will be taken during the RD/RA.
- Develop a strategy to prepare the affected communities for future roles during the remedial process.

Appendix A

List of Contacts and Interested Parties

**CITY COUNCIL CITY OF VIRGINIA BEACH
1 JULY 2000**

BAYSIDE
(DISTRICT 4)
7.1.98 - 6.30.02

JONES, LOUIS R.
1008 Witch Point Trail
Virginia Beach, VA 23455

O: 583-0177

BEACH
(DISTRICT 6)
7.1.98 - 6.30.02

BRANCH, LINWOOD O., III
Days Inn at the Beach
1000 Atlantic Avenue
Virginia Beach, VA 23451

O: 428-6141
R: 422-0256

CENTERVILLE
(DISTRICT 1)
7.1.00 - 6.30.04

EURE, MARGARET L.
5400 Compton Circle
Virginia Beach, VA 23464

R: 420-6745

KEMPSVILLE
(DISTRICT 2)
7.1.00 - 6.30.04

MANDIGO, ROBERT C., JR.
121 Gallant Fox Road
Virginia Beach, VA 23462-3306

C: 286-3109
R: 499-1834

LYNNHAVEN
(DISTRICT 5)
7.1.98 - 6.30.02

HARRISON, WILLIAM W., JR.
115-A Fifty-Second Street
Virginia Beach, VA 23451

O: 628-5565

PRINCESS ANNE
(DISTRICT 7)
7.1.98 - 6.30.02

HENLEY, BARBARA M.
3513 Charity Neck Road
Virginia Beach, VA 23456

R: 426-7501

ROSE HALL
(DISTRICT 3)
7.1.00 - 6.30.04

McCLANAN, REBA S.
3224 Burnt Mill Road
Virginia Beach, VA 23452

R: 340-8835

AT LARGE
7.1.00 - 6.30.04

WILSON, ROSEMARY
310 53rd Street
Virginia Beach, VA 23451

R: 422-0733

AT LARGE
7.1.00 - 6.30.04

OBERNDORF, MEYERA E. (MAYOR)
Office of the Mayor
Municipal Center
Virginia Beach, VA 23456

O: 427-4581
R: 497-2446

AT LARGE
7.1.98 - 6.30.02

PARKER, NANCY K.
604 Goldsboro Avenue
Virginia Beach, Virginia 23451

R: 425-1589

AT LARGE
7.1.98 - 6.30.02

SESSOMS, W. D. "WILL", JR. (VICE MAYOR)
4506 Atlantic Avenue
Virginia Beach, VA 23451

O: 640-5048

James K. Spore, City Manager
427-4242

Leslie L. Lilley, City Attorney
427-4531

Ruth Hodges Smith, MMC, City Clerk
427-4303

ADDRESS FOR ALL THREE CITY EMPLOYEES: City of Virginia Beach
Municipal Center -Building #1
Virginia Beach, Virginia 23456

NORFOLK CITY COUNCIL

Norfolk City Council is the legislative body of the city government. It is authorized to exercise all the powers conferred upon the city by the Commonwealth of Virginia in the state constitution, state laws and the charter of the City of Norfolk.

City Council is composed of seven members elected through a ward system. The members elect a president (mayor) and acting president (vice-mayor) from the membership of the Council every two years. For further information on the duties, powers and meetings of the Council call the Office of the Mayor (664-4679) or the Office of the City Clerk (664-4253).

The Council meets every Tuesday in the council chambers in Norfolk City Hall at the following times each month:

1st Tuesday - 2:00 p.m.

2nd Tuesday - 2:30 p.m.

3rd Tuesday - 2:30 p.m.

4th Tuesday - 7:30 p.m.

5th Tuesday - 2:30 p.m.

Norfolk's Current City Council



Ward 1

G. Conoly Phillips



Ward 2

Paul D. Fraim
Mayor



Ward 3

Herbert M. Collins, Sr.
Vice-Mayor



Ward 4

Paul R. Riddick



Ward 5

W. Randy Wright



Ward 6

Barclay C. Winn



Ward 7

Daun Sessoms Hester

Norfolk Civic League Address Roster
4/25/2001

Civic League	Title	President	Address	Zip Code	Phone	Spr. Wrld.	Ward	Meeting Day
Algonquin Park/North Shore Point Civic League	Dr.	John Holland, M.D.	1094 Algonquin Rd.	23505	451-3204	6	1	
American Association of Retired Persons Chapter 1757	Mrs.	Louise Cooke	9401 Hickory Street	23503	583-7317			3rd Monday; Sept.-June
Ballentine Place Civic League	Ms.	Shellette S. Coston	2521 Ballentine Blvd.	23509	853-8587/855-3769	7	3	3rd Thursday
Barberton Civic League	Mr.	V. Andre Fenwick	1225 Wide Street	23504-2711	624-9825/ 441-2852	7	4	2nd Saturday
Bayview Civic League	Ms.	Evelyn Strader	909 Hillside Avenue	23503	480-6651/588-2053	6	5	2nd Tuesday; Sept.-June
Beacon Light/Berkley Civic League, Inc.	Mr.	Kenneth Alexander	122 E. Berkley Avenue	23523	543-1859/545-5598	7	4	2nd Sunday
Bel-Aire/South Bay View/Forrest Park Civic League	Ms.	Eleanor Moore	1684 Cougar Avenue	23518	588-4486	6	5	
Berkley Community Civic League	Mr.	Theodore R. Lewis Sr.	1012 Grayson Street	23523	545-6532			1st & 3rd Monday
Bollingbrook Civic League	Ms.	Ada Blair	119 Filbert Street	23505	440-9018			2nd Tuesday
Bowling Green Civic League	Ms.	Valerie Clark	1328 Godfrey Avenue	23504	627-6717	7	3	
Brambleton Civic League	Mr.	Kendrick Thompson	824 Marshall Avenue	23504	640-1996	7	4	3rd Tuesday
Broad Creek Civic League, Inc.	Ms.	Johnnie Q. Branch	2930 Beachmont Avenue	23504	623-2285	7	3	2nd Monday
Broad Creek Shores Civic League	Ms.	Delores S. Mercer	938 Anna Street	23502	455-8853	7	4	4th Monday of March, May, July, Sept. and Nov.
Bromley Civic League	Mrs.	Betty Permel	1917 South Lakeland Drive	23518	857-1520	6	4	3rd Tuesday
Bruce's Park Civic League	Ms.	Eleanor King Clark	1364 Hanson Avenue	23504	625-6948	7	3	
Camellia Gardens Civic League	Mr.	Scott Stout	8158 Pace Road	23518		6	5	1st Monday
Camellia Shores Civic League	Mr.	Raymond DeCecco	2720 Heute Drive	23518	587-0074	6	4	1st Thursday, Sept., Nov., Feb., Apr., & June
Camptostella Civic League	Rev.	Willie Ponds	1219 Pike St.	23523	545-0759/ 441-1974	7	4	Monday after the 2nd Sunday of each month
Camptostella Heights Civic League	Ms.	Keela Boose-Jackson	1936 Springfield	23503	543-1415	7	4	1st Monday
Chesapeake Bay Art Association	Ms.	Mary Haase	4076 Hewette Drive	23528	588-4805			
Chesapeake Gardens/Mamie Homes Civic League, Inc.	Mr.	Melvin Noel, Sr.	845 Tifton Street	23513	855-3907	7	3	4th Monday
Chesterfield Heights Civic League	Ms.	Catherine Whitaker	2728 Westminster Avenue	23504	626-0120	7	4	
Cogic Highrise Apartment Civic League	Ms.	Helen Woodley	2412 E. Virginia Beach Blvd. Apt. 1-A	23504		7	3	2nd Wednesday
Coleman Place Civic League	Mr.	Fred Gallop	2432 Wyoming Avenue	23523		7	3	3rd Monday
College Neighborhood Civic League	Ms.	Barbara Bell	927 Kenton Avenue	23504	622-4443	7	3	
Colonial Place/Riverview Civic League	Mr.	David Block	710 Georgia Avenue	23508	w/625-2580 (pager)	6	2	2nd Monday
Community Partnership of Concerned Citizens of Ingleside	Mr.	Ken Grow	3741 Ingle Circle	23502	466-1336			
Concerned Citizens of Titustown, The	Mr.	Nathaniel Riggins	1106 Matthew Henson Street	23505	440-0218	7	1	2nd Monday except July & August
Coronado/Inglenook Civic League	Mr.	Walter Dickerson	954 Philpotts Road	23513	855-6145	7	3	1st Thursday, September through June
Cottage Line Civic League	Mr.	Larry Gregory	1812 E Ocean View Avenue	23503	583-2728	6	5	1st Thursday
Cottage Road Civic League	Mr.	Paul Fetter	520 Blitmore Road	23505	588-6513	7	2	
Cromwell Farms Civic League	Ms.	Ann Marie Pick	229 S. Blake Road	23505	451-1501	6	2	Semi-annually October and April
Diggs Town Tenant Management Corporation	Ms.	Hattie Anderson	1619 Green Leaf Drive	23523	543-0316	7	4	3rd Wednesday
Downtown Norfolk Council	Ms.	Cathy Coleman	201 Granby St. Suite 101	23510				
East Belvedere Block Security	Ms.	Suzanne Artman	106 Windham Road	23505	440-7944			
East Lynne/Saratoga Civic League	Mr.	Ken Kublis	2400 Everglades Rd.	23518	587-0228/588-4360	6	4	4th Tuesday, Every ODD month
East Ocean View/Little Creek Improvement Association	Mr.	Aaron Marshall	379 Dorwin Drive	23502		6	5	1st Thursday
Easton Forest Civic League	Ms.	Denise Matchen	6051 Foresttown Drive	23502	461-8219	7	4	2nd Tuesday, every other month
Elizabeth Park Civic League	Mr.	Neal Windley	238 Lucian Court	23502	466-0105	7	4	1st Tuesday
Estabrook Civic League	Ms.	Eloise LaBeau	3501 Orange Street	23513	855-1639	7	3	2nd Tuesday
Fairmont Park Civic League	Ms.	Michelle Morsberger	PO Box 7034	23509	855-5821	7	3	4th Thursday
First Oakmont/North Rosemont Civic League	Mr.	Charles Hasberry	1294 Rosemont Court	23513	855-3546			
Five Points Partnership	Ms.	Bev Sell	3610 Henrico Street	23513	857-1749			
Fox Hall Civic League	Mr.	Peter Cooke	1532 Fleetwood Avenue	23502	855-7190/455-1452	7	4	1st Tuesday
Fox Hall Civic League	Ms.	Amy Zarth-Newsletter Editor	5148 E. Princess Anne Road	23502	853-7716			
Freemason Street Area Association	Ms.	Madeline Sly	215 Brooke Avenue	23510	623-1949	6	2	April and October, and as needed
Ghent Neighborhood League	Ms.	Barbara Murphy	619 Graydon Avenue	23507	627-8947/622-2578			3rd Monday
Ghent Square Homeowners Association	Ms.	Stephanie Calliott	852 Mowbray Arch	23507	627-5757	6	2	Board Meeting 3rd Tuesday
Glengariff Civic League	Mr.	John Pasanen	6486 Powder Horn Drive	23518	855-4190	6	4	Quarterly
Glenrock Civic League	Ms.	Mary Pulley	509 Lucas Avenue	23502		7	4	1st Monday
Glenwood Park Civic Club, Inc.	Mr.	Robert Galloway	8509 Evergreen Avenue	23505	423-1150	6	1	Last Tuesday of each month
Grandy Village Advisory Council	Ms.	Shirley Martin	705 Kimball Court	23504	627-2613	7	4	Last Friday of each month
Greater Pinewell Civic League	Mr.	Scott Alexander	9641 Hammett Parkway	23503		7	5	2nd Tuesday
Greenhill Farms Civic League	Mr.	James Wright	6367 Glenoak Drive	23513	857-7197	7	3	3rd Tuesday, September through June
Hardy Field Civic League	Mr.	Therman Ames	310 Hardy Avenue	23523	545-4492			3rd Tuesday
Highland Park Civic League	Mr.	Dale Ryder	824 West 49th Street	23508	489-4194	6	5	

Norfolk Civic League Address Roster
4/25/2001

Civic League	Meeting Place	Meeting Time
Algonquin Park/North Shore Point Civic League	Tarralton Recreation Center	1:00-2:30 p.m.
American Association of Retired Persons Chapter 1757	Trinity Baptist Church, 2808 Ballentine Boulevard	7:30 p.m.
Ballentine Place Civic League	Blyden Branch Library, 879 East Princess Anne Road	10:00 a.m.
Barberton Civic League	Christ United Methodist Church, 1601 East Bayview Bo	7:30 p.m.
Bayview Civic League	Berkley Library, 555 East Liberty Street	5:30 p.m.
Beacon Light/Berkley Civic League, Inc.		
Bel-Aire/South Bay View/Forrest Park Civic League	Berkley Multi-Purpose Center, 925 South Main Street	6:30 p.m.
Berkley Community Civic League	1st Baptist Church of Bollingbrook	
Bollingbrook Civic League		
Bowling Green Civic League	Brambleton Center	
Brambleton Civic League	Woodland Avenue Baptist Church, 2736 Woodland Av	7:00 p.m.
Broad Creek Civic League, Inc.	Neighbors Homes	7:00 p.m.
Broad Creek Shores Civic League	McKendree United Methodist Church, 6870 N. Military	7:30 p.m.
Bromley Civic League		
Bruce's Park Civic League	Little Creek Elementary/Tarpon Library	7:30 p.m.
Camellia Gardens Civic League	Azalea Garden Middle School	
Camellia Shores Civic League	Campostella Community Center, 1117 Leake Street	7:00 p.m.
Campostella Civic League	Metropolitan A.M.E. Church, 1710 Springfield Avenue	7:00 p.m.
Campostella Heights Civic League		
Chesapeake Bay Art Association	Enoch Baptist Church, 7110 Clayton Drive	7:30 p.m.
Chesapeake Gardens/Mamie Homes Civic League, Inc.	Chesterfield Academy, Westminster Avenue	6:30 p.m.
Chesterfield Heights Civic League	COGIC Highrise Apts. Recreation Room, 2412 East V	3:30 p.m.
Cogic Highrise Apartment Civic League	2428 Ingleside Road (D.A.V. Bldg)	7:00 p.m.
Coleman Place Civic League		
College Neighborhood Civic League	Stuart Gifted Center	7:00 p.m.
Colonial Place/Riverview Civic League		
Community Partnership of Concerned Citizens of Ingleside	Titus Recreation Center	7:00 p.m.
Concerned Citizens of Titustown, The	Norview Recreation Center	7:00 p.m.
Coronado/Inglenook Civic League	Ocean View Recreation Center, 600 East Ocean View	7:00 p.m.
Cottage Line Civic League		
Cottage Road Civic League		
Cromwell Farms Civic League	Community Recreation Center	6:00 p.m.
Diggs Town Tenant Management Corporation		
Downtown Norfolk Council		
East Belvedere Block Security	Azalea Gardens Middle School	7:30 p.m.
East Lynne/Saratoga Civic League	East Ocean View Recreation Center, 20th Bay St.	7:00 p.m.
East Ocean View/Little Creek Improvement Association	Easton Pre-school, 6045 Curlew Drive	7 p.m.
Easton Forest Civic League	Aldersgate United Methodist Church	
Elizabeth Park Civic League	3612 Robin Hood Road	7:30 p.m.
Estabrook Civic League	Fairmont Park United Methodist Church, 3113 Verdun	7:30 p.m.
Fairmont Park Civic League		
First Oakmont/North Rosemont Civic League		
Five Points Partnership		
Fox Hall Civic League	Coleman Place Presbyterian Church, 1513 East Sewel	7:30 p.m.
Fox Hall Civic League		
Freemason Street Area Association	YWCA; Freemason Street	
Ghent Neighborhood League	Maury High School Band Room	7:30 p.m.
Ghent Square Homeowners Association		7:00 p.m.
Glengariff Civic League	Norfolk Garden Baptist Church	
Glenrock Civic League	Janaf Library Conference Room	7:00 p.m.
Glenwood Park Civic Club, Inc.	Civic Club, 232 Woodview Avenue	7:00 p.m.
Grandy Village Advisory Council	Grandy Village Recreation Center	5:00 p.m.
Greater Pinewell Civic League	Ocean View Senior Center	7 p.m.
Greenhill Farms Civic League	Little Creek Multi-Service Center	7:00 p.m.
Hardy Field Civic League	310 Hardy Avenue	7:00 p.m.
Highland Park Civic League		

Norfolk Civic League Address Roster
4/25/2001

Civic League	Title	President	Address	Zip Code	Phone	Spr. Wrds.	Ward	Meeting Day
Hollywood Homes/Maple Hall Civic League	Mr.	Rusty Bishop	6265 Wailes Avenue	23502	466-7124	7	4	1st Thursday
Homeowners Outreach League of Lamberts Point	Ms.	Dicie Harris	PO Box 6132	23508-0132	623-4665	7	2	
Huntersquare Advisory Council	Ms.	Betty Cuffee	825 Goff Street #131	23504	623-1460	7	4	2nd Wednesday, except July and August
Idlewood/Sandy Heights Civic League	Mr.	Alfred G. Hyman	3357 Loam Street	23518	855-5667	6	4	
Ingleside Civic League	Ms.	Ruth Wilkinson	3606 N. Ingleside Dr.	23502-3337	466-8905	7	4	2nd Thursday
Inner City Federation of Civic Leagues	Mr.	Joshua Paige	5524 Barberry Drive	23502	461-6157	7	4	2nd Wednesday, September through June
Kensington/Old Dominion Civic League	Mr.	Ernest Hill	815 W. 36th St.	23508	625-0013	7	2	2nd Monday
Lafayette/Winona Civic League	Mr.	Carl Meredith	PO Box 7681	23509	627-4119	6	2	3rd Wednesday
Lake Taylor Civic League	Mr.	Richard A. Rutyna	PO Box 12753	23541	321-4800 ext. 527	7	4	3rd Thursday
Lakewood/Willowwood Civic League	Mr.	Robert McFarland	1435 Hadlock Avenue	23509	858-5472	6	2	
Lamberts Point Civic League	Ms.	Ellen Harvey	1265 West 37th St.	23508	622-4663	7	2	4th Tuesday
Larchmont/Edgewater Civic League	Mr.	Ted Walden	1019 Jamestown Crescent	23508	451-8333	6	2	Bi-monthly
Larrymore Lawns Community	Ms.	Tisha Jordan	7416 Gardner Drive	23518	480-4326			3rd Wednesday
Larrymore Lawns Neighborhood Watch	Ms.	Victoria Long	6904 Doumar Drive	23518	857-1729			3rd Thursday
Lindenwood/Cottage Heights/Barrard Park Civic League	Mr.	Annarino L. Bolden	2407 Middle Avenue	23504	623-3146/625-1345	7	3	1st Tuesday
Lochhaven Civic League	Ms.	Kathy Heaton	7431 Muirfield Road	23505	423-2160	6	1	
Meadowbrook Forest/Hunt Club Point/Meadowbrook Terrace C.L.	Mrs.	Syble Stone	6846 Fordwick Drive	23518	855-1166	6	5	3rd Monday, September through May
Middle Town Arch Civic League	Mr.	Elemeul A. Watts	2739 Colchester Crescent	23504	852-3442/ 622-2172	7	3	2nd Wednesday
Monticello Village Civic League	Ms.	Nancy Gray	8016 Keene Road	23505	583-2324	7	2	1st Monday
Nansemond-on-the-Bay Condominium Association	Col.	E.Y. Holt, Jr.	100 E Ocean View Avenue Unit 1103	23503	531-0366	6	5	3rd Tuesday
Newtowne Civic League	Ms.	Pamela M. Thomas	740 Stanwix Square	23502		7	4	
Norfolk Neighborhood Crime Prevention Coalition	Mr.	Clayton Elliott	8570 Tidewater Drive #116	23503	588-8142			
Norfolk Federation of Civic Leagues	Ms.	Marie Arnt	2133 Tarrallton Drive	23518	583-6345	7	1	
Norfolk Historical Society	Mr.	James K. Sands	PO Box 6367	23508-0367	625-1720			
Norfolk Industrial Park Association	Mr.	Fred Amos	4500 Patent Road	23502	855-2088			Yearly, December
North Camellia Acres Civic League	Mr.	Bernard Liedl	8037 Jerry Lee Court	23518	583-3141			
North Meadowbrook Civic League	Ms.	Melda Stallings	7709 N. Shirland Avenue	23505	440-2411	6	1	
Northside Civic League	Mr.	Stan Glaser	8824 Hammett Avenue	23503	587-4865	6	2	1st Tuesday, except July, August & December
Norvella Heights Civic League	Mr.	Steve Light	3452 Christopher Court	23513	857-1355/855-4167	7	3	3rd Thursday
Norview Civic League	Mr.	Bobby Hughes	1056 Norview Avenue	23513	857-5418	7	3	2nd Tuesday
Oakdale Farms/Denby Park Civic League	Mr.	Donald Robertson	514 Draper Street	23505	583-4429/583-0180	7	2	3rd Monday
Oakleaf Forrest Advisory Council	Ms.	Carolyn Morris	1959 Greenleaf Drive	23523	543-3568			
Oakmont North Homeowners Civic League	Ms.	Cecelia F. Southall	7427 Oakmont Drive	23513	853-7573	7	3	1st Monday
Oakwood Civic League	Ms.	Wilma Suiter	947 Avenue F	23513	853-0417	7	3	4th Monday
Ocean View Civic League	Mr.	Z. Vance Mitchell, Jr.	250 West Ocean View Avenue	23503	583-3508/ 480-1234	6	5	1st Wednesday, except June, July & August
Ocean View Coordinating Committee	Mr.	Earl Bowden	583 West Ocean View Avenue	23503	588-1020	6	5	
Old Huntersville Civic League	Ms.	Lillie Taylor	777 Freemont Street	23504	623-5182			
Olde Huntersville Development Corporation	Ms.	Bea Jennings	1499 Tidewater Drive	23504	625-1565	7	4	
Park Place Civic League	Mr.	Reginald Church	514 W. 28th Street	23508	623-3540/625-5391	7	2	1st Monday
Park Terrace Advisory Council-Norfolk Tenant Organization			1120 Park Avenue	23504	640-1505	7	3	
Pleasant Point Civic League	Mrs.	Becky Cleveland	430 Peace Haven Drive	23502	461-4300			Quarterly beginning in January
Poplar Hall Civic League	Ms.	Tess Rayburn	829 Round Bay Road	23502	461-3612	7	4	1st Monday, September through June
River Forrest/Wayside Manor/Easton Place Civic	Mr.	Lindell Davidson	205 W. McGinnis Circle	23502	466-8460	7	4	2nd Monday
River Oaks Civic League	Mr.	William J. Laux, Jr.	1329 River Oaks Drive	23502	858-9790	7	4	
Riverfront Civic League	Ms.	Dorma Hedrick	7425 Major Avenue	23505	440-9232	6	1	
Riverpoint Civic League	Mr.	Judd Knecht	6049 Newport Avenue	23505	423-2791	6	2	Quarterly
Roberts Village Resident Council	Ms.	Shirley Freeman	2901 Liberia Drive	23504	622-8170	7	3	3rd Wednesday
Roland Park Civic League	Mr.	Roy Leshner	6437 Tappahannock Drive	23509	853-9129	6	2	3rd Monday
Roosevelt Area Civic League	Ms.	Marie Arnt	2133 Tarrallton Drive	23518	583-6345	6	5	3rd Tuesday, except Jul., Aug., Oct. & Dec.
Sewells Garden Civic League	Mr.	James R. Wilson	6413 Clare Road	23513	855-0551	6	4	1st Tuesday, except June and July
Shady Woods Civic League	Mr.	Ben T. Thompson	1352 Strand Street	23513	855-9420	7	3	2nd Tuesday
Sherwood Forest Civic League	Mr.	Daniel E. Montague	4605 Krick Street	23513	855-3086/ 441-5824	7	3	2nd Tuesday
Spartan Village Civic League	Mr.	John Wesley Hill	2906 Mapleton Avenue	23504	623-0382	7	3	2nd Tuesday
St. Andrew's Place Civic League	Ms.	Mia Holmes	1421 E. Tanners Creek Drive	23513	441-5806	7	3	3rd Wednesday
St. Andrew's Place Homes Association	Ms.	Helen Neal	1491 E. Tanners Creek Drive	23513				
Suburban Acres Civic League	Mr.	David Stambleck	7405 Parkdale Drive	23505	480-6856	7	4	
Sumler Terrace Residence Office	Ms.	Amy Jennings	1052 Liberty Street	23523	543-8912	7	4	

Norfolk Civic League Address Roster
4/25/2001

Civic League	Meeting Place	Meeting Time
Hollywood Homes/Maple Hall Civic League	Fairlawn Elementary, Wade Street	7 p.m.
Homeowners Outreach League of Lamberts Point		
Huntersquare Advisory Council	Huntersquare kidrise in the activity room	7:00 p.m.
Idlewood/Sandy Heights Civic League		
Ingleside Civic League	Ingleside Baptist Church, 925 Ingleside Road	7:00 p.m.
Inner City Federation of Civic Leagues	Huntersville Multi-Service Center	7:30 p.m.
Kensington/Old Dominion Civic League	Park Place Multi-Service Center, 606 West 29th St	7 p.m.
Lafayette/Winona Civic League	1st United Methodist Church; 3031 Luxembourg Avenue	7:15 p.m.
Lake Taylor Civic League	Va. Heights Baptist Church, 1251 Kempsville Rd.	7:00 p.m.
Lakewood/Willowood Civic League		
Lamberts Point Civic League	Old Dominion Univ., WEBB Center, Va. Rice Room	7:00 p.m.
Larchmont/Edgewater Civic League	Larchmont United Methodist Church	
Larrymore Lawns Community	Burrows Memorial Baptist Church, 1539 Johnstons Ro	7 p.m.
Larrymore Lawns Neighborhood Watch	6904 Doummar Drive	
Lindenwood/Cottage Heights/Barraud Park Civic League	Union Chapel AME Church, 1200 St. Julian Ave.	7:00 p.m.
Lochhaven Civic League		
Meadowbrook Forest/Hunt Club Point/Meadowbrook Terrace C.L.	McKendree United Methodist Church, Springmeadow	7:00 p.m.
Middle Town Arch Civic League	Barron F. Black Homework Center, 6700 E. Tanner Cr	7 p.m.
Monticello Village Civic League	Wesley Memorial United Methodist Church, 288 E. Litt	7:30 p.m.
Nansemond-on-the-Bay Condominium Association	Condominium Social Room	
Newtowne Civic League		
Norfolk Neighborhood Crime Prevention Coalition		
Norfolk Federation of Civic Leagues		
Norfolk Historical Society		
Norfolk Industrial Park Association	Office of C.E. Thurston & Sons, Inc.	
North Camellia Acres Civic League		
North Meadowbrook Civic League		
Northside Civic League	Northside Middle School Library, Granby & Evans Stre	7 p.m.
Norvella Heights Civic League	Deaf Mission Church's social hall, 3520 Johns St.	7:30 p.m.
Norview Civic League	Norview Presbyterian Church, 1066 Norview Ave.	7:30 p.m.
Oakdale Farms/Denby Park Civic League	Oakdale Farms Presbyterian Church, 550 East Little C	7:30 p.m.
Oakleaf Forrest Advisory Council		
Oakmont North Homeowners Civic League		
Oakwood Civic League	Location varies month to month	
Ocean View Civic League	Norview Recreation Center, Sewells Point Road	7:00 p.m.
Ocean View Coordinating Committee	Ocean View Senior Center, 600 East Ocean View Ave.	7:00 p.m.
Old Huntersville Civic League		
Olde Huntersville Development Corporation		
Park Place Civic League	Park Place Multi-Service Center, 606 West 29th St.	7:00 p.m.
Park Terrace Advisory Council-Norfolk Tenant Organization		
Pleasant Point Civic League	President's Residence	7:30 p.m.
Poplar Hall Civic League	Poplar Hall Elementary School	7:30 p.m.
River Forrest/Wayside Manor/Easton Place Civic	Aldersgate United Methodist Church, 5767 Sellger Dr.	7 p.m.
River Oaks Civic League		
Riverfront Civic League		
Riverpoint Civic League	Zion Grace United Methodist Church, 1440 W. Little Cr	7 p.m.
Roberts Village Resident Council	Various locations	
Roland Park Civic League	Robert's Village Adult Center	7:00 p.m.
Roosevelt Area Civic League	Hospitality Center of the Community Services Board, 67	30 p.m.
Sewells Garden Civic League	Roosevelt Area League Building, 8440 Mona Avenue	7:00 p.m.
Shady Woods Civic League	Norview Middle School, 6325 Sewells Point Road	7:00 p.m.
Sherwood Forest Civic League	Baron F. Black Library	7:00 p.m.
Spartan Village Civic League	Sherwood Forest Recreation Center, 4537 Little John D	7:00 p.m.
St. Andrew's Place Civic League	Covenant Presbyterian Church, 913 Covenant St.	7:00 p.m.
St. Andrew's Place Homes Association	Barron F. Black Library, 6700 E. Tanners Creek Dr.	7:00 p.m.
Suburban Acres Civic League		
Sumler Terrace Residence Office		

Norfolk Civic League Address Roster
4/25/2001

Civic League	Title	President	Address	Zip Code	Phone	Spr. Wrd.	Ward	Meeting Day
Talbot Park Civic League	Ms.	Melodie Bobko	105 Oak Grove Road	23523				4th Tuesday of Every Month
The Gardens Civic League	Ms.	Marlies Landry	7525 Daisy Court	23518		7	4	
Tidewater Gardens Tenant Management Corporation	Ms.	Ursula Banks	1016 Mariner Street	23504	623-1737	7	4	2nd Monday
Tipperton Place Civic League	Mr.	Paul Bohn	948 Ingleside Road	23502		7	4	Bi-monthly on the odd numbered months
Villa Heights Civic League	Ms.	Sandra Williams	915 Druid Circle Apt. 8	23504	627-5429	7	3	3rd Thursday
Ward 5 Partnership	Mr.	Jim Janata	3124 E. Ocean View Avenue	23518	588-5095	6	5	3rd Thursday
Wards Corner Civic League	Mr.	James English	408 Burleigh Avenue	23505	423-7154	6	1	3rd Monday
Wards Corner Partnership	Mr.	Louis Eisenberg	PO Box 9408	23505	480-1225			
Waverly on Broad Creek Civic League	Mr.	Elwood Williams	554 Stuart Circle	23502	461-2280	7	4	
Waverly on Broad Creek Civic League	Ms.	Gwendolyn Hawkins	581 Stuart Circle	23502	455-9041	6	2	
West Ghent Civic League	Mr.	Mark Riennerth	PO Box 11526	23517	w/446-4043 or h/627-493	6	2	
West Ocean View Conservation Committee	Mr.	Robert P. Bayliss	148 Dupree Avenue	23503	480-1234	6	5	
Willoughby Civic League	Ms.	Bob Prudner	1226 W Ocean View Ave #G	23503	588-3322/ 588-0847	6	5	2nd Wednesday September through June
Woodbine Civic League	Mr.	Flora Sue Burns	5504 Levine Court	23502	466-0093	7	4	
Young Terrace Tenant Management	Ms.	Rabina Sharpe	823 Smith Street	23510	625-3006	7	4	
Lindenwood/Cottage Heights/Barraud Park Civic League	Ms.	Thelma W. Jones, Secretar	881 Rugby Street	23504-2049	627-9615			
East Ocean View Civic League	Mr.	Aaron Marshall	379 Dorwin Drive	23502		6	5	1st Thursday

Norfolk Civic League Address Roster
4/25/2001

Civic League	Meeting Place	Meeting Time
Talbot Park Civic League	Royster Presbyterian Church	
The Gardens Civic League		
Tidewater Gardens Tenant Management Corporation	Hunton YMCA	
Tipperton Place Civic League	Ingleside Recreation Center	
Villa Heights Civic League	former Army Reserve Center, 29th & Gazel Streets	7 p.m.
Ward 5 Partnership	East Ocean View Recreation Center	7:00 p.m.
Wards Corner Civic League	Fire Training Center on corner of Granby & Thole Street	7:30 p.m.
Wards Corner Partnership		
Waverly on Broad Creek Civic League		
Waverly on Broad Creek Civic League	St. Andrew's Episcopal Church, 1004 Graydon Avenue	7:30 p.m.
West Ghent Civic League		
West Ocean View Conservation Committee		
Willoughby Civic League	Ocean View Elementary School, 9501 Mason Creek Rd	7:00 p.m.
Woodbine Civic League		
Young Terrace Tenant Management		
Lindenwood/Cottage Heights/Barraud Park Civic League		
East Ocean View Civic League	East Ocean View Recreation Center, 20th Bay St.	7 p.m.

WWW.VBGOV.COM (go to resident)

Run Date: 01-08-01

CITY OF VIRGINIA BEACH - PUBLIC INFORMATION
#2 - CIVIC LEAGUES

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
3556 ON THE BAY CONDO ASSOC 3556 SHORE DR VIRGINIA BEACH VA 23455	SUSAN SUMNICK	MANAGER	491-3888	NO FAX
3800 OCEANFRONT CONDO ASSOC 3800 ATLANTIC AVE VIRGINIA BEACH VA 23451	GEORGE HAGER	PRESIDENT	425-3800	NO FAX
ABINGDON VILLAGE HOMES ASSOC 1020 AMHERST LA VIRGINIA BEACH VA 23464	TROY SNEAD	PRESIDENT	420-3416	NO FAX
AERIES ON THE BAY CIVIC LEAGUE 2316 ROOKERY WAY VIRGINIA BEACH VA 23455	ELLEN BALVOCIUS	PRESIDENT	363-7838	NO FAX
ALANTON CIVIC LEAGUE 1452 ASHLEY DRIVE VIRGINIA BEACH VA 23454	RENA COUGHLIN	PRESIDENT	481-2518	NO FAX
ALEXANDRIA CIVIC LEAGUE 5976 GLENVIEW DRIVE VIRGINIA BEACH VA 23464	TAMMY FARMER	PRESIDENT	479-9879	NO FAX
AMHURST HOMES ASSOCIATION 654 AUBREY DR VIRGINIA BEACH VA 23462	DENNIS RACKLIFFE JR	PRESIDENT	473-2662	473-2662
ARAGONA CIVIC LEAGUE 4733 HUNTING HILL CT VIRGINIA BEACH VA 23455	JOYCE CAMPBELL	PRESIDENT	497-2075	NO FAX

Organization	Contact	Position	Phone #	Fax #
ARBOR BROOK CONDO ASSOC 2253 HAVERSHAM CLOSE VIRGINIA BEACH VA 23454	LAUREL BISHOP	CONDO ASSOC MANAGER	441-3120	NO FAX
ATLANTIC PARK CIVIC ASSOC 240 SHIPPS LN VIRGINIA BEACH VA 23454	SADIE STRONG	CHAIRPERSON	425-6402	NO FAX
ATLANTIS CIVIC LEAGUE 1015 ATLANTIS DR #102 VIRGINIA BEACH VA 23451	SARAH FRIEND	PRESIDENT	422-1489	NO FAX
AVALON HILLS CIVIC LEAGUE 5609 BARCO DR VIRGINIA BEACH VA 23464	MIKE BILLARI	PRESIDENT	366-9669	NO FAX
AVALON WOODS & TERRACE CIVIC LEAGUE 5745 HAMLET RD VIRGINIA BEACH VA 23464	KENT CHAMBERS	PRESIDENT	420-7248	NO FAX
BACK BAY/PUNGO CIVIC LEAGUE 1173 HORN PT RD VIRGINIA BEACH VA 23456	NICK ANOIA	PRESIDENT	721-3316	426-1210
BAY'S EDGE CONDO ASSOC 2332 BAY'S EDGE AVE VIRGINIA BEACH VA 23451	BILL WENTZ	CONDO ASSOC MANAGER	481-3136	NO FAX
BAYCLIFF CIVIC LEAGUE 1549 BAY POINT DRIVE VIRGINIA BEACH VA 23454	SPENCER BYRN	PRESIDENT	496-4900	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
BAYLAKE PINES CIVIC LEAGUE 4421 BLACKBEARD RD VIRGINIA BEACH VA 23455	TOM WOOD	PRESIDENT	464-5122	NO FAX
BAYVILLE PARK & GARDEN CIVIC LEAGUE 4425 DELMAR DRIVE VIRGINIA BEACH VA 23455	CHRIS LUDFORD	PRESIDENT	552-6644	NO FAX
BEECHWOOD CIVIC LEAGUE 4736 HOOK LANE VIRGINIA BEACH VA 23455	JOAN HARPER	PRESIDENT	464-2193	NO FAX
BELLAMY MANOR ESTATES 4701 EASTWIND RD VIRGINIA BEACH VA 23464	MADELINE HAYES	PRESIDENT	495-3321	NO FAX
BELLAMY PLANTATION 1928 GREY FRIARS CHASE VIRGINIA BEACH VA 23456	ROB LAIN	PRESIDENT	416-0041	NO FAX
BELLAMY WOODS 1232 HEATHCLIFF DRIVE VIRGINIA BEACH VA 23464	DEBBIE WESTBROOK	PRESIDENT	495-7479	NO FAX
BELLWOOD ESTATES CIVIC LEAGUE 2101 MARGARET DR VIRGINIA BEACH VA 23456	JOHN WARD	PRESIDENT	563-2991	NO FAX
BIRCHWOOD CIVIC LEAGUE 604 ROBENS RD VIRGINIA BEACH VA 23452	E CRAIG TYRRELL	PRESIDENT	340-1135	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
BIRDNECK LAKE CIVIC LEAGUE 941 KELA CRESCENT VIRGINIA BEACH VA 23451	BRENT HUSTON	PRESIDENT	491-7717	NO FAX
BIRDNECK POINT CIVIC LEAGUE 1016 CURLEW DRIVE VIRGINIA BEACH VA 23451	DIANNE FRANTZ	PRESIDENT	491-2185	NO FAX
BIRDNECK VILLAS CONDO ASSOCIATION 920 CHARNELL DRIVE UNIT 203 VIRGINIA BEACH VA 23451	JACKIE LOCKRIDGE	PRESIDENT	491-6581	NO FAX
BIRNAM WOODS CIVIC LEAGUE 1153 BIRNAM WOODS DR VIRGINIA BEACH VA 23464	DEBBIE DUTTON	PRESIDENT	424-5096	NO FAX
BISHOPSGATE 848 BISHOPSGATE LA VIRGINIA BEACH VA 23452	TIM HARRISON	PRESIDENT	463-5732	NO FAX
BLACKSTONE CIVIC ORGANIZATION 3066 BOSCO CT VIRGINIA BEACH VA 23456	MIRIAM JAKOBITZ	PRESIDENT	468-3879	NO FAX
BLACKWATER CIVIC LEAGUE 5840 BLACKWATER RD VIRGINIA BEACH VA 23457	BOB JASINOWSKI	PRESIDENT	421-7853	NO FAX
BRIGADOON CIVIC LEAGUE 5308 DOON ST VIRGINIA BEACH VA 23464	IRVIN BEARD	PRESIDENT	479-4899	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
BRIGHTON ON THE BAY CIVIC LEAGUE 1813 TEMPLETON LN VIRGINIA BEACH VA 23454	CYNTHIA FOCKE	PRESIDENT	481-6192	NO FAX
BROAD BAY ESTATES CIVIC LEAGUE 1721 RALLY DR VIRGINIA BEACH VA 23454	MARK SMITH	PRESIDENT	481-5561	499-0587
BROAD BAY ISLAND CIVIC LEAGUE 2512 BROAD BAY RD VIRGINIA BEACH VA 23451	RAY RICHARDSON	PRESIDENT	481-5498	481-4524
BROAD BAY POINT GREENS CIVIC LEAGUE 1800 EXPIRY KEY VIRGINIA BEACH VA 23454	RICK DALIANIS	PRESIDENT	481-2369	NO FAX
BUCKINGHAM HOME OWNERS ASSOC 2593 SPRING HAVEN DRIVE VIRGINIA BEACH VA 23456	JOHN SIMONE	PRESIDENT	430-9034	NO FAX
BUSKY & POYNER LAND CIVIC LEAGUE 2333 BUSKY LANE VIRGINIA BEACH VA 23454	HERMAN BROCKETT	PRESIDENT		NO FAX
CAMERON CROSSING CONDO ASSOC BOX 4547 VIRGINIA BEACH VA 23454	DORIS AGEE	CONDO ASSOC MANAGER	463-1740	NO FAX
CAMPUS EAST COMMUNITY ASSOC 5642 CAMPUS DR VIRGINIA BEACH VA 23462	DR BERNIE GRABLOWSKY	PRESIDENT	499-6362	499-6383

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
CAPE HENRY SHORES CIVIC LEAGUE 2601 HESTON RD VIRGINIA BEACH VA 23451	BRIAN MADDOX	PRESIDENT	496-0234	NO FAX
CAPE HENRY TOWERS CONDO ASSOC 3288 PAGE AVE VIRGINIA BEACH VA 23451	MIKE BATCHELOR	PRESIDENT	481-7500	481-3673
CAPE STORY BY THE SEA CIVIC LEAGUE 2260 FIRST LANDING LN VIRGINIA BEACH VA 23451	TODD SOLOMON	PRESIDENT	496-5733	380-7826
CAROLANNE FARMS CIVIC LEAGUE 5353 SIR BARTON DR VIRGINIA BEACH VA 23462	MARY GUTHRIE	PRESIDENT	497-7359	NO FAX
CARRIAGE MILL CIVIC LEAGUE 1513 CANTERFORD CT VIRGINIA BEACH VA 23464	DIANE WIATER	PRESIDENT		NO FAX
CAVALIER PARK/BAY COLONY CIVIC LEAGUE 909 WINDSOR RD VIRGINIA BEACH VA 23451	RICH CORNER	PRESIDENT	428-7662	NO FAX
CENTRE GREEN CONDO ASSOC 5099 CYPRESS PT CIR VIRGINIA BEACH VA 23455	JAMES KELLY	PRESIDENT	557-0834	NO FAX
CHARLESTOWNE WOODS CIVIC LEAGUE 1732 STYRON LANE VIRGINIA BEACH VA 23464	TRACY MENDEZ	PRESIDENT	479-8945	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
CHELSEA/GREEN HILL FARMS/MEADOWRIDGE 1783 GREENSWARD QUAY VIRGINIA BEACH VA 23454	JIM MCCLANE	PRESIDENT	481-6691	NO FAX
CHESAPEAKE BEACH CIVIC LEAGUE 2244 GREENWELL ROAD VIRGINIA BEACH VA 23455	AFSHIN FARASHAHI	PRESIDENT	363-1626	NO FAX
CHESHIRE CIVIC LEAGUE 1810 DURHAM EAST VIRGINIA BEACH VA 23454	NEIL COX	PRESIDENT	481-9263	NO FAX
CHESOPEIAN COLONY CIVIC LEAGUE 2069 EAST KINGS ROAD VIRGINIA BEACH VA 23452	MIKE PRENDERGAST	PRESIDENT	498-1922	NO FAX
CHIMNEY HILL HOMEOWNERS ASSOCIATION 800 CHIMNEY HILL PKWY VIRGINIA BEACH VA 23462	DONETTA CARDINAL	MANAGER	463-3805	463-5266
CHRISTOPHER FARMS PHASE 1&2 2005 RED ROOSTER COURT VIRGINIA BEACH VA 23456	DENNIS HARVEY	PRESIDENT	430-0649	NO FAX
CHRISTOPHER FARMS PHASE 111 2612 BROAD ACRES WAY VIRGINIA BEACH VA 23456	DARREL PURDY	PRESIDENT	427-1265	NO FAX
CITIZENS ACTION COALITION INC BOX 2011 VIRGINIA BEACH VA 23450	SANDY LINKOUS	PRESIDENT	427-6606	430-3623

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
CLUB BRITTANY CIVIC LEAGUE 2204 TANGLEWOOD TL VIRGINIA BEACH VA 23454	ARLENE MARTIN	PRESIDENT	481-2716	NO FAX
COLUMBUS STATION CONDO ASSOC 313 FERDINAND CIR VIRGINIA BEACH VA 23462	EDWARD GUIDOS	MANAGER		NO FAX
COMMUNITY GROUP 4534 BONNEY RD VIRGINIA BEACH VA 23462	ANN HARRALL	PROPERTY MANAGER	499-2200	499-5928
COMMUNITY GROUP 4534 BONNEY RD VIRGINIA BEACH VA 23462	BOB CERSOSIMO	MANAGER	486-7955	NO FAX
COMMUNITY GROUP 4534 BONNEY RD VIRGINIA BEACH VA 23462	DAN MCATEER	PROPERTY MANAGER	499-2200	499-5928
COMMUNITY GROUP 4534 BONNEY RD VIRGINIA BEACH VA 23462	B G CAMPBELL	PROPERTY MANAGER	499-2200	499-5928
COMMUNITY GROUP 4534 BONNEY RD VIRGINIA BEACH VA 23462	WALTER CAMPBELL	PROPERTY MANAGER	499-2200	499-5928
COMMUNITY GROUP 4534 BONNEY RD VIRGINIA BEACH VA 23462	DEBBIE WILSON	PROPERTY MANAGER	499-2200	499-5928

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
COUNCIL OF CIVIC ORGANIZATIONS 1200 SOUTHEY COURT VIRGINIA BEACH VA 23464	CAROLYN LINCOLN	PRESIDENT	321-9971	NO FAX
COURTHOUSE HOME OWNERS ASSOC 1217 LASKIN ROAD VIRGINIA BEACH VA 23451	LAURIE LEIGH YOCKEY	MANAGER	491-6200	NO FAX
COURTHOUSE/SANDBRIDGE COALITION 2140 KENWOOD DR VIRGINIA BEACH VA 23454	GLENN TAITER	PRESIDENT	427-1929	NO FAX
COVE POINT CIVIC LEAGUE 700 ORIOLE DR UNIT 525 VIRGINIA BEACH VA 23451	DR JC HENRY	PRESIDENT	428-2876	NO FAX
CROATAN CIVIC LEAGUE PO BOX 319 VIRGINIA BEACH VA 23458	REID POCOCK	PRESIDENT	425-6350	NO FAX
CYPRESS POINT CIVIC ASSOC 1177 POND CYPRESS DR VIRGINIA BEACH VA 23455	KALE WARREN	PRESIDENT	499-8150	NO FAX
DEERWOOD TRACE CIVIC LEAGUE 427 CHINABERRY CT VIRGINIA BEACH VA 23454	BERNIE FAY	PRESIDENT	463-4838	NO FAX
DIAMOND LAKE ESTATES CIVIC LEAGUE 5720 ATTICA AVE VIRGINIA BEACH VA 23455	ERIC MARKOWSKI	PRESIDENT	464-3136	NO FAX

Organization	Contact	Position	Phone #	Fax #
DIAMOND SPRINGS/GARDENWOOD PKY 1700 JANKE ROAD VIRGINIA BEACH VA 23455	RICHARD NELSON	PRESIDENT	464-6811	NO FAX
DOLPHIN RUN 3RD ST & ATLANTIC AVE VIRGINIA BEACH VA 23451	LEANNA STRICKLAND	CONDO ASSOC MANAGER	425-6166	NO FAX
DOYLETOWN 257 DOYLE WAY VIRGINIA BEACH VA 23452	LEE A WILLIAMS	PRESIDENT	340-1966	NO FAX
EDGEWATER CONDO ASSOC 3615 ATLANTIC AVE VIRGINIA BEACH VA 23451	DENISE FRAZIER	CONDO ASSOC MANAGER	425-6298	NO FAX
ELIZABETH RIVER SHORES CIVIC LEAGUE 3416 SALE DR VIRGINIA BEACH VA 23464	DAVID DZIEDZIAK	PRESIDENT		NO FAX
FAIRFIELD COMMUNITY CIVIC LEAGUE 5248 ROLLESTON DRIVE VIRGINIA BEACH VA 23464	DOUGLAS MCLIVERTY	PRESIDENT	499-0842	NO FAX
FAIRFIELD FOREST CIVIC LEAGUE 5424 HARGROVE BLVD VIRGINIA BEACH VA 23464	ROBERT WOLFF	PRESIDENT	523-6570	431-0387
FOXFIRE CIVIC LEAGUE 2744 RENAISSANCE WAY VIRGINIA BEACH VA 23456	MARGARET SULLIVAN-RUCKA	PRESIDENT	427-0662	471-2330

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
FRAMINGHAM VILLAGE HOMES ASSOC 1325 COLLEGE PARK BLVD VIRGINIA BEACH VA 23464	JIM MCDONOLD	PRESIDENT	424-3936	NO FAX
GLENWOOD COMMUNITY ASSOC 2097 ROUND HILL DR VIRGINIA BEACH VA 23464	BRITT LIPSCOMB IV	PRESIDENT	471-6370	471-6294
GRACE TOWN CIVIC LEAGUE 4700 WELDON ST VIRGINIA BEACH VA 23455	DONALD WRIGHT	PRESIDENT	464-4109	NO FAX
GRAND LAKE CIVIC LEAGUE 5337 TUTTLE CREEK CT VIRGINIA BEACH VA 23462	THOMAS WILBANKS	PRESIDENT	499-2029	499-2029
GREAT NECK CIVIC LEAGUE ASSOC 2704 HOOD CIR VIRGINIA BEACH VA 23454	JIM CAMPBELL	CHAIR	496-7056	NO FAX
GREAT NECK ESTATES CIVIC LEAGUE 2352 GREAT NECK CIR VIRGINIA BEACH VA 23454	JOSEPH DEARING	PRESIDENT		NO FAX
GREAT NECK MANOR CIVIC LEAGUE 1431 BARBOR CT VIRGINIA BEACH VA 23454	DREW FRISBIE	PRESIDENT	481-3791	460-4358
GREAT NECK POINT CIVIC LEAGUE 3152 ADAM KEELING RD VIRGINIA BEACH VA 23454	BOB MCCRUDDEN	PRESIDENT	481-9136	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
GREEN RUN HOMES ASSOC 1248 GREEN GARDEN CIR VIRGINIA BEACH VA 23456	PRISCILLA BEEDE	PRESIDENT	468-2357	468-0296
GROVELAND PARK CIVIC LEAGUE 363 COURTNEY ARCH VIRGINIA BEACH VA 23452	JUNE MARTIN	PRESIDENT	486-7522	NO FAX
HARBOUR GATE OWNERS ASSOC 3300 OCEAN SHORE AVE VIRGINIA BEACH VA 23451	O B SAUNDERS	PRESIDENT	481-7997	481-6372
HERONS POINT CIVIC LEAGUE 1400 SNOW GOOSE LN APT 102 VIRGINIA BEACH VA 23451	DONNA MCCLELLAN	RESIDENT MANAGER	491-2100	NO FAX
HIDDEN OAKS CIVIC LEAGUE 1820 LAUREL OAK LN VIRGINIA BEACH VA 23456	GARY NACHTIGAL	PRESIDENT	368-8606	NO FAX
HOLLAND PINES CIVIC LEAGUE 2801 TREE TRUNK CT VIRGINIA BEACH VA 23456	CHANDLER CALVERT	PRESIDENT		NO FAX
HOLLY BEND HOMEOWNERS ASSOC 2716 MANOOMIN PL VIRGINIA BEACH VA 23451	RONALD BRINSTER	PRESIDENT	425-5454	425-9035
HOLLY DUNES CIVIC LEAGUE 3817 HOLLY DUNE LN VIRGINIA BEACH VA 23451	GEORGE PALASTHY	PRESIDENT	425-9105	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
HOMESTEAD CIVIC LEAGUE 1037 FIRESIDE LANE VIRGINIA BEACH VA 23464	JEFF SNYDER	PRESIDENT	420-9080	NO FAX
HUNT CLUB FOREST CIVIC LEAGUE 2505 HUNTING HORN WAY VIRGINIA BEACH VA 23456	DEWEY JONES	PRESIDENT	427-2660	NO FAX
INDIAN COVE CIVIC LEAGUE 1053 SANDBRIDGE RD VIRGINIA BEACH VA 23456	DEBORAH HILL	GENERAL MANAGER	426-2601	721-6029
INDIAN LAKES ASSOC 5202 HALIFAX DR VIRGINIA BEACH VA 23464	MAE VERNON	GENERAL MANAGER	474-1867	474-1481
INDIAN LAKES CIVIC LEAGUE FOUNDATION 1313 INDIAN LAKES BLVD VIRGINIA BEACH VA 23464	BILL CLEMONS	PRESIDENT	467-3040	467-3041
INLYNNVIEW CIVIC LEAGUE 2704 HOOD CIRCLE VIRGINIA BEACH VA 23454	JIM CAMPBELL	PRESIDENT	496-7056	NO FAX
JAMESTOWN/STONEY BROOK CIVIC LEAGUE 868 JAMESTOWN LANDING VIRGINIA BEACH VA 23464	PATRICIA BRODNAX	PRESIDENT	424-9326	NO FAX
KEMPSVILLE GREENS CIVIC LEAGUE 4832 KEMPSVILLE GREENS PKWY VIRGINIA BEACH VA 23462	EDITH SHIELDS	PRESIDENT	467-9252	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
KEMPSVILLE LAKES COMMUNITY ASSOC 300 WELER BLVD VIRGINIA BEACH VA 23462	WELDON WHITEHURST	PRESIDENT	499-5504	554-0753
KEMPSVILLE MANOR CIVIC LEAGUE 524 WHITE OAK DR VIRGINIA BEACH VA 23462	DOROTHY WELLS	PRESIDENT	497-2461	NO FAX
KENSTOCK CIVIC LEAGUE 2405 JENAN RD VIRGINIA BEACH VA 23454	SHARON HAMPTON	PRESIDENT	486-7572	NO FAX
KINGS GRANT CIVIC LEAGUE 3013 MARYVIEW PLACE VIRGINIA BEACH VA 23452	MASRK LINN	PRESIDENT	463-4949	NO FAX
KINGS POINT CIVIC LEAGUE 424 KING RICHARD DR VIRGINIA BEACH VA 23452	RALEIN DAVIS	PRESIDENT	431-1739	NO FAX
L & J GARDENS CIVIC LEAGUE 5912 TAJA AVE VIRGINIA BEACH VA 23455	AUDREY W MILLS	PRESIDENT		461-0796
LAGO MAR CIVIC LEAGUE 1012 CAMINO REAL S VIRGINIA BEACH VA 23456	CLIFFORD COPPOLA	PRESIDENT	721-0713	NO FAX
LAKE CHRISTOPHER HOMES ASSOC 1504 LAKE CHRISTOPHER DR VIRGINIA BEACH VA 23464	JOANNE GIVEN	PRESIDENT	474-0787	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
LAKE EDWARD AREA CIVIC LEAGUE 5774 EAST HASTINGS ARCH VIRGINIA BEACH VA 23462	FLEET BARNS	PRESIDENT	499-0276	NO FAX
LAKE HOLLY NORTH CIVIC LEAGUE 421 LAKE DR VIRGINIA BEACH VA 23451	CARL HELVIE	PRESIDENT	683-5251	683-5253
LAKE JAMES HOMES ASSOC 1329 LAKE JAMES DR VIRGINIA BEACH VA 23464	JEFF SUMMEROUR	PRESIDENT	424-4152	NO FAX
LAKE PLACID CIVIC LEAGUE 2324 MIRROR LAKE DR VIRGINIA BEACH VA 23456	DIANA ADAMS-COURNOYER	PRESIDENT	427-6099	NO FAX
LAKE SHORES CIVIC LEAGUE 1636 JACK FROST ROAD VIRGINIA BEACH VA 23455	MIKE SHAHEEN	PRESIDENT	460-8838	NO FAX
LAKE SMITH CIVIC LEAGUE 5324 PANDORIA AVE VIRGINIA BEACH VA 23455	REV MICHAEL HOLLOWAY	PRESIDENT	460-4166	NO FAX
LAKE SMITH/HAYGOOD PT/GOVERNOR 1137 REVERE POINT VIRGINIA BEACH VA 23455	MARJORIE SMALLIE	PRESIDENT	464-4818	NO FAX
LAKES END HOMEOWNER ASSOC 1443 LAKE GENEVE DR VIRGINIA BEACH VA 23464	JANE DRAPER	PRESIDENT		NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
LAKEVIEW PARK CIVIC LEAGUE 1424 RYLANDS RD VIRGINIA BEACH VA 23455	LYNN NELSON	PRESIDENT	460-7953	363-8040
LAKEVILLE ESTATES CIVIC LEAGUE 985 SUNNYSIDE DR VIRGINIA BEACH VA 23464	WILLIAM R YAW	PRESIDENT	424-5431	NO FAX
LAKEWOOD CIVIC LEAGUE 1518 CYPRESS AVE VIRGINIA BEACH VA 23451	EVELYN GRIGGS	PRESIDENT	428-7937	NO FAX
LANDSTOWN CIVIC LEAGUE 1857 BLOOMFIELD DR VIRGINIA BEACH VA 23456	DENNIS POLLI	PRESIDENT	427-6975	NO FAX
LARKSPUR CIVIC LEAGUE 753 SOUTHGATE CT VIRGINIA BEACH VA 23462	JIM McDONALD	PRESIDENT	495-0063	NO FAX
LARKSPUR MEADOWS CIVIC LEAGUE 4311 MOUNTAINLEAF CT VIRGINIA BEACH VA 23462	SHIRLEY SCHUYLER	PRESIDENT	490-3986	NO FAX
LAUREL COVE CIVIC LEAGUE 2464 LAUREL COVE DRIVE VIRGINIA BEACH VA 23454	SHAWNE OWEN	PRESIDENT	496-9345	NO FAX
LESNER POINTE CONDO ASSOC 4538 BONNEY RD VIRGINIA BEACH VA 23462	JOYCE HILL	CONDO ASSOC MANAGER	490-0161	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
LEVEL GREEN CIVIC LEAGUE 5903 CLEAR SPRINGS RD VIRGINIA BEACH VA 23464	THELMA CARROLL	PRESIDENT	420-5055	NO FAX
LINKHORN COVE CIVIC LEAGUE 1744 VAHALLA ARCH VIRGINIA BEACH VA 23454	ED BOHNSLAV	PRESIDENT	481-2421	481-4224
LINLIER CIVIC LEAGUE 1433 CAROLYN DR VIRGINIA BEACH VA 23451	RUBY ANN DUNN	PRESIDENT	428-7876	NO FAX
LITTLE HAVEN CIVIC LEAGUE 3064 LITTLE HAVEN RD VIRGINIA BEACH VA 23452	LOIS HOOKHAM	PRESIDENT	340-1850	NO FAX
LITTLE NECK CIVIC LEAGUE ASSOC 832 BISHOPSGATE LA VIRGINIA BEACH VA 23452	WILLIAM STEWART	PRESIDENT	486-1027	NO FAX
LITTLE NECK COVE CIVIC LEAGUE 1440 W LITTLE NECK RD VIRGINIA BEACH VA 23452	PETE COSTENBADER	PRESIDENT		NO FAX
LONDON POINTE CIVIC LEAGUE 2333 LONDON POINTE DR VIRGINIA BEACH VA 23454	ROY HAMBLET	CONDO ASSOC MANAGER	486-2234	NO FAX
LYME REGIS CONDO ASSOC 2224 VIRGINIA BEACH BLVD STE 2 VIRGINIA BEACH VA 23454	LYNDA ALLEN	PROPERTY MANAGER	486-6000	486-6988

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
LYNNBROOK LANDING 612 BRIDGEWATER ARCH VIRGINIA BEACH VA 23462	DR STEVEN BUSHMAN	PRESIDENT	456-5104	456-2486
LYNNHAVEN COLONY CIVIC LEAGUE 2224 ELDER RD VIRGINIA BEACH VA 23451	BILL SCHELLING	PRESIDENT	496-9451	363-9534
LYNNHAVEN SHORES CONDO ASSOC 2226 KLEEN ST VIRGINIA BEACH VA 23451	NED CHEELY JR	PRESIDENT	481-7618	NO FAX
LYNNHAVEN WOODS CIVIC LEAGUE 277 GOLDEN MAPLE DR VIRGINIA BEACH VA 23452	CHARLIE SHULL	PRESIDENT	463-8457	NO FAX
MAGIC HOLLOW CIVIC LEAGUE 921 BAMBERG PL VIRGINIA BEACH VA 23456	LINDA LAVENDER	PRESIDENT	468-9927	NO FAX
MELFAIR ACRES CIVIC LEAGUE 2328 BURTON DR VIRGINIA BEACH VA 23454	EDGAR BROWN	PRESIDENT		412-4334
MIDDLE PLANTATION CIVIC LEAGUE 3321 GLEN EDEN QUAY VIRGINIA BEACH VA 23452	KIT LAWRENCE	PRESIDENT	463-2315	NO FAX
MILL CREEK CIVIC LEAGUE 1025 COLLECTION CREEK WAY VIRGINIA BEACH VA 23454-2429	J A G PARRISH	CONDO ASSOC MANAGER	481-7270	481-6820

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
MILL DAM CIVIC LEAGUE 1533 MILL DAM RD VIRGINIA BEACH VA 23454	JOHN HAYNES JR	PRESIDENT	496-0590	NO FAX
NEW LIGHT CIVIC LEAGUE 1373 FERRY POINT RD VIRGINIA BEACH VA 23464	JUDY SMITH	PRESIDENT	424-0352	NO FAX
NEWPOINTE CONDO ASSOC 512 TREBLE CT VIRGINIA BEACH VA 23462	JOYCE MCDONALD	CONDO ASSOC MGR	557-0129	NO FAX
NEWSOME FARMS CIVIC LEAGUE 637 LAWRENCE DRIVE VIRGINIA BEACH VA 23462	WES SIMMONS	PRESIDENT	499-8720	NO FAX
NIMMO CIVIC LEAGUE 2360 SEABOARD RD VIRGINIA BEACH VA 23456	THADDEUS CASON SR	PRESIDENT	427-2897	NO FAX
NORTH ALANTON CIVIC LEAGUE 1845 WINDY RIDGE PT VIRGINIA BEACH VA 23454	DON SATTERWHITE	PRESIDENT	481-1192	NO FAX
NORTH RIDGE RESIDENT COUNCIL 5149 CONDOR STREET VIRGINIA BEACH VA 23462	SHERMAN LEE KITTRELL SR	PRESIDENT	499-9270	NO FAX
NORTH VA BEACH CIVIC LEAGUE 6204 OCEAN FRONT AVE VIRGINIA BEACH VA 23451	RON PEARSON	PRESIDENT	428-6634	428-6634

Organization	Contact	Position	Phone #	Fax #
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OCEAN HILLS OWNERS ASSOC 230 OCEAN HILLS RD VIRGINIA BEACH VA 23451	SUSAN DELHOMME	PRESIDENT	491-5030	NO FAX
OCEAN LAKES COMMUNITY ASSOC 1718 WELLSFORD DR VIRGINIA BEACH VA 23454	IDA DRAPER	MANAGER	426-7142	426-0777
OCEAN PARK CIVIC LEAGUE 2081 TAZEVELL ROAD VIRGINIA BEACH VA 23455	WENDY VAUGHAN	PRESIDENT	363-9141	NO FAX
OCEAN WAY CONDO ASSOC 500 WINSTON SALEM AVE VIRGINIA BEACH VA 23451	ARNOLD RODRIGUEZ	CONDO ASSOC MANAGER		NO FAX
OCEANA COMMUNITY CIVIC LEAGUE 225 ROSELYN LA VIRGINIA BEACH VA 23454	SUE MIDGETT	PRESIDENT	428-6171	NO FAX
OCEANS CONDO OWNERS COUNCIL 4004 OCEANFRONT VIRGINIA BEACH VA 23451	DR ARNOLD HOFFMAN	PRESIDENT	422-1656	422-0622
OLD BEACH CIVIC LEAGUE 506 27TH ST VIRGINIA BEACH VA 23451	ANNE HENRY	PRESIDENT	428-5962	NO FAX
PACIFIC SOUTH CONDO ASSOC 500 PACIFIC AVE VIRGINIA BEACH VA 23451	KEN HALL	MANAGER	428-1313	428-3336

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
PARK PLACE CIVIC LEAGUE 830 READING RD VIRGINIA BEACH VA 23451	JACK DAILEY	PRESIDENT	491-0891	NO FAX
PEMBROKE MANOR CIVIC LEAGUE INC. 4452 HINSDALE ST VIRGINIA BEACH VA 23462	ROBERT SIPKA	PRESIDENT	490-0630	687-6633
PEMBROKE MEADOWS CIVIC LEAGUE 853 SAINT MARTIN DRIVE VIRGINIA BEACH VA 23455	DONALD SANDERS	PRESIDENT	499-7987	NO FAX
PINE MEADOWS CIVIC LEAGUE 856 LEVY COURT VIRGINIA BEACH VA 23454	EDWARD HATMAKER	CHAIR		NO FAX
PINE RIDGE CIVIC LEAGUE 1913 WINDY PINES COURT VIRGINIA BEACH VA 23456	NICOLA ALEXANDER	PRESIDENT	430-2261	on request
PINEWOOD GARDENS/EUREKA PARK 220 GREENWOOD LN VIRGINIA BEACH VA 23452	MIKE CLIFT	PRESIDENT	486-3643	NO FAX
PINEWOOD PARK CIVIC LEAGUE 527 PINWOOD DR VIRGINIA BEACH VA 23451	BRUCE DOWE	PRESIDENT	425-9066	NO FAX
POINT O'WOODS CIVIC LEAGUE 448 COLD SPRING RD VIRGINIA BEACH VA 23454	BOB LOY	PRESIDENT	340-4266	463-6863

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
PRINCESS ANNE CROSSING CIVIC ASSOC 2320 COUNTRY GLEN CT VIRGINIA BEACH VA 23456	MICHELE LANE	PRESIDENT	430-0797	NO FAX
PRINCESS ANNE HILLS CIVIC LEAGUE 470 GOODSPEED ROAD VIRGINIA BEACH VA 23451	JOHN SALOP	TREASURER	428-2191	NO FAX
PRINCESS ANNE PLAZA CIVIC LEAGUE 3845 LIBERTY RIDGE RD VIRGINIA BEACH VA 23452	RICK JONES	PRESIDENT	498-0687	NO FAX
PROGRESSIVE CIVIC LEAGUE 409 BESSIE WALK VIRGINIA BEACH VA 23451	DELORES TURNER	PRESIDENT	425-1008	NO FAX
QUEEN CITY CIVIC LEAGUE 1012 TAMER AVE VIRGINIA BEACH VA 23464	ANDERSON VINCENT	PRESIDENT	420-4137	NO FAX
RED MILL FARM CIVIC LEAGUE 1321 WARNER HALL DR VIRGINIA BEACH VA 23454	MARIO ROSALES JR	PRESIDENT	427-1596	NO FAX
REDWOOD FARMS CIVIC LEAGUE 1264 HEBDEN COVE VIRGINIA BEACH VA 23452	PEGGY WITTE	PRESIDENT	340-3404	NO FAX
REEDTOWN CIVIC LEAGUE 1321 REEDTOWN RD VIRGINIA BEACH VA 23455	MARY SMITH	PRESIDENT		NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
RESORT BEACH CIVIC LEAGUE COALITION 607 16TH ST VIRGINIA BEACH VA 23451	MARYANNE NIXON	PRESIDENT	428-4277	428-2498
RIDGLEA CIVIC LEAGUE 5305 HAMILTON LN VIRGINIA BEACH VA 23462	CINDY RENO	PRESIDENT	497-6330	NO FAX
RIVERHAVEN CIVIC LEAGUE 2840 RIVER RD VIRGINIA BEACH VA 23454	ELEANORE ARN	PRESIDENT	481-2958	NO FAX
RIVERTON ON THE ELIZABETH CIVIC LEAGUE 656 COPPER KETTLE DR VIRGINIA BEACH VA 23464	HARRY TEW	PRESIDENT	523-0608	NO FAX
ROYAL COURT ESTATES CIVIC LEAGUE 933 ROYAL COVE WAY VIRGINIA BEACH VA 23454	BILL KIERAN	PRESIDENT	481-3260	NO FAX
SALEM COMMUNITY CIVIC LEAGUE 2548 SALAM ROAD VIRGINIA BEACH VA 23456	DONNA BREWER	PRESIDENT	427-0171	NO FAX
SALEM LAKES CIVIC LEAGUE 3928 SHERMAN OAKS AVE VIRGINIA BEACH VA 23456	AL SCHERMAN	PRESIDENT	427-0752	430-2142
SALEM WOODS CIVIC LEAGUE 4549 REVERE DR VIRGINIA BEACH VA 23456	STEVE DOLL	PRESIDENT		NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
SALT MARSH POINT CIVIC LEAGUE 1309 BLUE PETE RD VIRGINIA BEACH VA 23451	NANCY JOHNSON	PRESIDENT		NO FAX
SANDBRIDGE BEACH CIVIC LEAGUE 305 POMPANO LANE VIRGINIA BEACH VA 23456	HARRY BYBEE	PRESIDENT	426-7228	NO FAX
SCARBOROUGH SQUARE CIVIC LEAGUE 1158 OLD CLUBHOUSE RD VIRGINIA BEACH VA 23456	CLAIRA GEARHEART	PRESIDENT	468-9743	NO FAX
SEA BREEZE FARMS CIVIC LEAGUE 3620 SEA BREEZE TRL VIRGINIA BEACH VA 23452	BOB ZEDLER	PRESIDENT	463-3945	NO FAX
SEA COURT CONDO ASSOC 318 24TH ST #4 VIRGINIA BEACH VA 23451	BARBARA YATES	MANAGER	428-8052	NO FAX
SEAGATE COLONY I CIVIC CONDOMINIUM 2830 SHORE DR VIRGINIA BEACH VA 23451	LORETTA JONES	PRESIDENT	481-3422	496-1081
SEATAACK CIVIC LEAGUE 110 NORTH BIRDNECK RD VIRGINIA BEACH VA 23451	ROSA NORMAN	PRESIDENT	425-7106	NO FAX
SHADOWLAWN CIVIC LEAGUE 708 ARTIC AVE VIRGINIA BEACH VA 23451	JAMES FLANNAGAN	PRESIDENT	428-2456	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
SHERRY PARK CIVIC LEAGUE 3324 MILISSA ST VIRGINIA BEACH VA 23464	JANNETTE EDWARDS	PRESIDENT	420-5435	NO FAX
SOUTH RUDEE SHORES CIVIC LEAGUE 520 FISHERMANS BEND VIRGINIA BEACH VA 23451	HOPE SCHERRER	PRESIDENT	428-8660	NO FAX
SOUTH SHORE ESTATES CIVIC LEAGUE 2109 ROCKLAND CT VIRGINIA BEACH VA 23454	BRIAN LEE	PRESIDENT	430-8481	NO FAX
SOUTHALL QUARTER CIVIC LEAGUE 1070 COLONIAL MEADOWS WAY VIRGINIA BEACH VA 23454	JOYCE GROSCH	PRESIDENT	496-7901	NO FAX
SOUTHGATE CIVIC ORGANIZATION 2417 HAY BALE LANE VIRGINIA BEACH VA 23456	LYNN MELTON	PRESIDENT	563-0016	422-5122
STRATFORD CHASE CIVIC LEAGUE 993 AUTUMN HARVEST DR VIRGINIA BEACH VA 23464	LINDA SALA	PRESIDENT	474-6102	NO FAX
THALIA CIVIC LEAGUE 631 LYNN SHORES DR VIRGINIA BEACH VA 23452	MICHAEL DOUGHERTY	PRESIDENT	498-2857	321-8099
THALIA WAYSIDE HOMEOWNERS ASSOC 3919 WYCKOFF DR VIRGINIA BEACH VA 23452	SANDRA CULLOM	PRESIDENT	498-0287	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
THOROUGHGOOD CIVIC LEAGUE 4236 COUNTRY CLUB CIRCLE VIRGINIA BEACH VA 23455	DON CANNELL	PRESIDENT	464-5088	NO FAX
THOROUGHGOOD COLONY CIVIC LEAGUE 4516 SIR JOHN LANE VIRGINIA BEACH VA 23455	DENISE HOECHST	PRESIDENT	464-2257	NO FAX
THREE OAKS HOME ASSOCIATION 2208 KINDLING HOLLOW RD VIRGINIA BEACH VA 23456	GAIL CONLEY	PRESIDENT	468-5106	NO FAX
TIMBERLAKE COMMUNITY ASSOC 933 WINDSOR OAKS BLVD VIRGINIA BEACH VA 23462	DEBORAH BLOTKAMP	PRESIDENT	467-9011	NO FAX
TRANTWOOD LAKE CIVIC LEAGUE 2448 ROSE HALL DR VIRGINIA BEACH VA 23454	LEONA M SHULER	PRESIDENT	481-5371	NO FAX
UNITED COUNCIL MINORITY 5908 TAJO AVE VIRGINIA BEACH VA 23455	HELEN SHROPSHIRE	PRESIDENT	461-3040	NO FAX
VA BEACH WOMEN CIVIC LEAGUE 1037 ANDERSON WAY VIRGINIA BEACH VA 23464	ALICE FERGUSON	PRESIDENT	420-6412	NO FAX
VICTORIAN CRESCENT CIVIC LEAGUE 1330 VICTORIAN CRES VIRGINIA BEACH VA 23454	PAT GRILLO	PRESIDENT	481-5577	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
WASHINGTON SQUARE CIVIC LEAGUE 2224 CHADWICK DR VIRGINIA BEACH VA 23454	MAGGIE ROBERTSON	PRESIDENT	498-0238	627-4570
WELLINGTON WOODS 816 DUKE OF SUFFOLK DR VIRGINIA BEACH VA 23454	BILL GIBBS	PRESIDENT	340-6700	NO FAX
WESLEYAN FOREST CIVIC LEAGUE 5908 BLACKPOOLE LN VIRGINIA BEACH VA 23462	ED O'CONNOR	PRESIDENT	473-9687	NO FAX
WHITEHURST WOODS CIVIC LEAGUE 5436 BRANCHWOOD WAY VIRGINIA BEACH VA 23464	MARGARET GILLETTE	PRESIDENT	523-6615	NO FAX
WIMBLEDON POINT ON THE BAY CIVIC LEAGUE 1804 STEATHAM COURT VIRGINIA BEACH VA 23454	RORY BUNCH	PRESIDENT	481-6043	NO FAX
WINCHESTER POINT CONDO ASSOC 2224 VIRGINIA BEACH BLVD STE 2 VIRGINIA BEACH VA 23454	JILL CHANCE	CONDO ASSOC MANAGER	486-6000	486-6988
WITCHDUCK CIVIC LEAGUE 4513 OLD ENGLISH CIR VIRGINIA BEACH VA 23455	ROBERT ZABOT	PRESIDENT	460-5333	NO FAX
WOLFSNARE PLANTATION CIVIC LEAGUE 2369 N WOLFSNARE DR VIRGINIA BEACH VA 23454	DAVID GIESEN	PRESIDENT	412-0089	NO FAX

Organization -----	Contact -----	Position -----	Phone # -----	Fax # -----
WOODS OF LONDON BRIDGE CIVIC LEAGUE 436 WAYMAN LA VIRGINIA BEACH VA 23454	JOHN FERETICH	PRESIDENT	486-7238	NO FAX
WOODSTOCK CIVIC LEAGUE 701 WOODSTOCK RD VIRGINIA BEACH VA 23464	ROBERT PAWL	PRESIDENT	523-0711	NO FAX

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01-31-01

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BOARDS & COMMISSIONS MEMBERSHIP LISTING**BEACHES AND WATERWAYS COMMISSION**

Revised: June 28, 2000

Page 1

NAME ADDRESS PHONE	REPRESENTING	TERM OF APPOINTMENT	HISTORICAL DATA	
			BEGINNING DATE	EXPIRATION DATE
Baum, John A. 6465 Crags Causeway Virginia Beach, Virginia 23457 421-2652	At-Large	3 years	07/01/2000	06/30/2003
Brockwell, Dan H. 3755 DuPont Circle Virginia Beach, Virginia 23455 460-5091	Bayside	3 years	07/01/2000	06/30/2003
Brubaker, Russell E. 2605 Moss Road Virginia Beach, Virginia 23451 481-2935	At-Large	2 years	07/01/2000	06/30/2002
Brunke, William J. IV 1428 Ashburnham Arch Virginia Beach, Virginia 23456 467-0423	Centerville	3 years	07/01/2000	06/30/2003
Copenhaver, Ira E. (Bill) 448 Crossett Street Virginia Beach, Virginia 23452 340-1686	Rose Hall	1 year	07/01/2000	06/30/2001

Appendix B

Sample Questionnaire

APPENDIX B

Naval Amphibious Base Little Creek Installation Restoration Program Community Survey

Interviewee:

Date:

Interviewers:

1. Did you know NAB Little Creek has an Installation Restoration Program to protect human health and the environment from past handling and disposal practices? What is your understanding of the program? What is your opinion of this program?

2. On a scale from 1 to 5, what do you think is the community level of interest in environmental issues at NAB Little Creek? (1 = not sensitive, 5 = very sensitive) What do you feel is the most important environmental issue affecting the community?

3. Do you know of any current environmental questions or concerns you or the community may have related to the NAB Little Creek Installation Restoration Program?

4. How well do you believe the base environmental staff is handling environmental issues at NAB Little Creek?

5. How confident are you that the Navy and its contractors are able to meet the objectives NAB Little Creek Installation Restoration Program?

6. The Navy, Virginia Department of Environmental Quality (VDEQ), and the EPA work together to address the environment at NAB Little Creek. Do you approve of the way the federal and state agencies handle environmental issues in the community? Please explain.
7. Have you or the public been impacted in any way by previous environmental practices at NAB Little Creek? If so, please explain.
8. As a homeowner or businessperson, do you believe that previous environmental practices at Little Creek have or will have any economic impacts on this community? If so, please explain.
9. What contacts have you had with base officials regarding environmental issues/cleanups at NAB Little Creek? How would you rate the responsiveness of these officials to your concerns? (1 = not concerned or helpful, 5 = very concerned and helpful)
10. Have you participated in activities concerning the NAB Little Creek Installation Program?
11. Do you feel the local newspaper is a reliable source of information about environmental issues at NAB Little Creek?
12. Have you seen newspaper notices for public meetings about the NAB Little Creek Installation Restoration Program? Public meeting announcements do not typically speak to the community's attitude, they usually announce a meeting on what remedy is being proposed at a site.

13. Would you like to be involved in future activities concerning the NAB Little Creek Installation Restoration Program? If yes, please provide your name and address.
14. Could the Navy do a better job at providing you with information about environmental programs at NAB Little Creek? If so, how?
15. Do you know any community groups or individual citizens that may be interested in receiving information about the NAB Little Creek Installation Restoration Program and other environmental programs?

Thank you for participating in this survey!

Additional Comments:

Appendix C

Restoration Advisory Board Members

APPENDIX C

Naval Amphibious Base Little Creek Installation Restoration Program Restoration Advisory Board – FY 2001

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Appendix D
Public Meetings Held to Date

APPENDIX D

Naval Amphibious Base Little Creek Installation Restoration Program Public Awareness and Public Participation Activities

Date	Type of Activity/Information
June 8, 1999	RAB Meeting
February 29,2000	RAB Meeting
November 14, 2000	RAB Meeting
March 28, 2001	Site 9 &10 Proposed Remedial Action Plan Meeting
August 15, 2001	RAB Meeting

Appendix E
**Locations for Information Repository,
Administrative Record File, and Public Meetings**

Locations for Information Repository, Administrative Record File, and Public Meetings

Information Repository

Bayside Area Library
936 Independence Boulevard
Virginia Beach, VA 23455
(804) 460-7518
Contact: Ellen Burns

Administrative Record File

Central Library
4100 Virginia Beach Boulevard
Virginia Beach, VA 23452
(804) 431-3042
Contact: Susan Zwick

Public Meetings

Public meetings are held at NAB Little Creek or at an agreed upon offsite location. Locations of public meetings will be published ahead of time.

Appendix F
Sample Fact Sheets, Newsletters, and Public
Notices



Naval Amphibious Base Little Creek Installation Restoration Program

COMMUNITY FACT SHEET West Annex Sandblast Area

Soil Removal Action

September 2000

Background

The West Annex Sandblast Area, also known as Solid Waste Management Unit 8, is located on the northwest boundary of Naval Amphibious Base (NAB) Little Creek in Virginia Beach, Virginia. As shown on the aerial photograph below, the area is near NAB Little Creek Gate 1 off Shore Drive. The West Annex Sandblast Area includes the open field north of Midway Road.



The West Annex Sandblast Area was used between 1949 and 1971 to sandblast small boats for paint removal. As boats were hauled into the area for sandblasting, residual sandblast material accumulated and was temporarily stored in the area prior to offsite disposal. Abrasive blast material and associated paint chips derived from paint removal are present at the surface in the open field north of Midway Road. The area of exposed abrasive blast material is about 2 acres. Thickness of the blast material ranges from a light dusting at ground surface to about 6 inches deep.

While sandblasting activities and temporary storage of residual abrasive blast material was

considered acceptable, it is now recognized as potentially harmful to the environment. The site is now under review as part of the Navy's Installation Restoration (IR) Program, which identifies sites that should be considered for cleanup actions.

During a site visit in January 2000, the area of exposed abrasive blast material was determined, and three samples of the abrasive blast material were collected for analysis. No abrasive blast material was found at the ground surface or in the shallow subsurface soils along the property boundary of NAB Little Creek and the neighboring residential area.

In May 2000, a site investigation was conducted and soil, groundwater, and sediment samples were collected. These data are currently being evaluated as part of a Site Investigation Report, which is expected to be submitted to the EPA and DEQ in early October 2000 for review and comment.



Exposure Assessment

In January 2000, three samples of exposed abrasive blast material were collected and

analyzed for a variety of chemicals. Lead was the most prevalent contaminant found in these samples at a level high enough to warrant additional action. The three samples of abrasive blast material contained lead concentrations greater than 1,000 parts per million (ppm), which is the U.S. Environmental Protection Agency (USEPA) guidance level for lead concentrations in soil at an industrial site. The USEPA has also established an action level of 400 ppm for residential sites. This is a very conservative action limit selected by the USEPA as safe for daily human exposure, including children. While this is not a lot of lead (1,000 ppm is only one tenth of 1 percent), the area has been considered for a removal action through the excavation of the exposed sandblast material.

The Navy has consulted with the USEPA and the Virginia Department of Environmental Quality (DEQ) about the results. All have agreed that the exposed grit does not pose an immediate health threat, as the exposed grit is within the secure boundaries of NAB Little Creek and in an area where any contact with humans would be occasional at most. If people did come into contact with the grit, they would normally be wearing shoes and other clothing that would minimize direct contact with the skin. Even so, the Navy considers it prudent to remove the exposed blast material.

What Happens Next?

The clean-up plans for the former West Annex Sandblast Area will be determined through the Navy's IR Program. Under this program, the Navy, the USEPA, and the Virginia DEQ will agree upon all corrective action activities, including any removal of exposed grit or soil. As part of the Navy's IR Program, an Engineering Evaluation / Cost Analysis (EE/CA) has been prepared to address removal action alternatives and made available for the public to review and comment for a period of 30 days. The decision process will include full exploration of the possible alternatives and full opportunity for review by both the regulatory agencies and the public.

Possible site clean-up alternatives being considered range from removal of visible blast material to removal of all blast material and soil containing lead concentrations greater than 400 ppm. The final plan will be based on a combination of effectiveness, practicality, and public input. In addition to human health considerations, the Navy will also consider what is needed to control possible environmental risks to the surrounding area (for example, Little Creek's northwest branch).

A Draft Work Plan for the removal of blast grit material will be finalized following review and comment from the EPA and DEQ.

Although the final corrective action will not be determined for several months, it is anticipated that the Navy will, at a minimum, implement removal of visible abrasive blast material at the site in the fall of 2000. In the meantime, the area is not accessible by the public and is secure within the boundary of NAB Little Creek. The Navy, USEPA, and Virginia DEQ agree there is no immediate health hazard associated with the site that would require more immediate action.

Additionally, the USEPA has included NAB Little Creek in its listing on the National Priorities List (NPL). Pursuant to the NPL listing, the Navy and USEPA will enter into a Federal Facilities Agreement (FFA) that will specify the environmental study and clean-up actions to be taken at the West Annex Sandblast Area and establish a schedule for these actions. When completed, the FFA will be available for public review.

For More Information

If you have questions concerning the site or the information contained in this fact sheet, please contact **Mr. John Ballinger**, at (757) 433-3443.

Additionally, environmental issues of interest to the community are addressed in public meetings of the NAB Little Creek Restoration Advisory Board (RAB). For information about the RAB please contact Mr. Ballinger.

Navy Proposes Cleanup for Sites 9 and 10 Naval Amphibious Base Little Creek, Virginia Beach VA

The US Department of the Navy (Navy), the US Environmental Protection Agency (USEPA) Region III and Virginia Department of Environmental Quality (VDEQ) invite public review and comment on the Proposed Plan addressing contamination for Site 9, the Driving Range Landfill, and Site 10, the Sewage Treatment Plant Landfill, at Naval Amphibious Base Little Creek, Virginia Beach, VA.

The Remedial Investigation/Feasibility Study (RI/FS) Report discusses the risks posed by the site and presents an evaluation of the cleanup options. The Proposed Plan identifies a preferred cleanup alternative for the public to comment on along with the other alternatives considered.

A public meeting will be held on March 28, 2001 at 6:00 pm, Drexler Manor, NAB Little Creek, Virginia Beach, VA, to discuss the RI/FS Report and the Proposed Plan for the sites and provide interested parties the opportunity to learn more about the alternatives developed for each site.

The Navy evaluated the following three alternatives to address contamination at Sites 9 and 10:

Alternative 1 - No action.

Alternative 2 - Institutional controls with long-term monitoring.

Alternative 3 - Low-permeability cap with institutional controls and long-term monitoring.

Based on available information, the preferred alternative proposed for public comment is Alternative 2.

This alternative includes land use restrictions to prevent redevelopment of the site and prohibitions on groundwater use beneath the landfills. Annual inspections of the existing cover on each landfill would also be conducted, along with groundwater monitoring.

The Navy, USEPA, and VDEQ support the preferred alternative. However, the final concurrence will be provided following review of all comments received during the public comment period, which begins March 28, 2001 and ends April 30, 2001. The preferred alternative could change based upon public comments.

Copies of the Proposed Plan and the Revised RI/FS for sites 9 & 10 may be obtained at the Public Repositories listed below:

Central Library • 4100 Virginia Beach Blvd • Virginia Beach, Virginia 23452 (757) 431-3100

Bayside Area Library • 936 Independence Library • Virginia Beach, Virginia 23466 (757) 460-7516

Written comments may be submitted to:

Ms. Dawn Hayes, Code EV-22DH • Naval Facilities Engineering Command • Atlantic Division

1510 Gilbert Street • Norfolk, Virginia 23511-2699 • (757) 322-4792

Francis L. Carter
Regional Director

**Notice of Navy's Invitation
for Public Review and Comment on the
Engineering Evaluation/Cost Analysis Report
Site 8 - Demolition Debris Landfill**

Naval Amphibious Base Little Creek, Virginia Beach, Virginia
The Department of the Navy invites public comment on the final Engineering Evaluation/Cost Analysis (EE/CA) report which presents information pertaining to a non-time critical removal action of surface demolition-type debris (wooden pilings, concrete, concrete pipe, miscellaneous metal scraps, etc.) at Naval Amphibious Base Little Creek Site 8 in Virginia Beach, Virginia. Site 8 is located in the south central portion of NAB Little Creek, on the northeast corner the intersection of Amphibious Drive and Helicopter Road. Site 8 was originally used as a borrow source for sand to create parking lots. The subsequent use of the site included a demolition/debris landfill.

The purpose of the non-time-critical removal action (NCRCA) is to reduce potential risks to human health and the environment by removing approximately 620 cubic yards of surface debris that has been placed at Site 8.

The EE/CA examined three potentially acceptable alternatives for removal and disposal of the surface debris. These alternatives included the following:

Alternative 1 - No Action

Alternative 2 - Removal of Miscellaneous Steel and Small Debris

Alternative 3 - Removal of All Surface Debris

Alternative 3 was chosen as the most effective alternative to meet the objectives set forth in the engineering evaluation. This alternative will remove all the surface debris identified during a December 2000 site reconnaissance. The debris will be disposed of in a Navy-approved permitted landfill. This alternative will restore the site to near its natural condition and enhance the quality of the site for wildlife watching from the observation deck located in the eastern portion of the site.

The EE/CA is available for public review at the following locations during normal business hours at each of the following information repositories:

Dayside Area	Library
Central Library	
936 Independence Boulevard	4100 Virginia Beach Boulevard
Virginia Beach, Virginia 23455	Virginia Beach, Virginia 23452
(757) 460-7518	(757) 433-3100

Provide written comments on the EE/CA from from September 2, through October 1, 2001. Send all written comments on or before September 28, 2001 to the following address:

Ms. Dawn Hays, Code CV-220H
Naval Facilities Engineering Command
Atlantic Division
1510 Gilbert Street
Norfolk, Virginia 23511-2690
(757) 322-4792

Please call Mr. John Hallinger at (757) 433-3440 for more information.

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Appendix G

Glossary

Glossary

Administrative Record: A file that is maintained, and contains all information used, by the lead agency to make its decision on the selection of a response action under CERCLA. This file is to be available for public review and a copy established at or near the site, usually at one of the Information Repositories. A duplicate file is held in a central location, such as a Regional Office or State.

Cleanup: Actions taken to deal with a release or threatened release of hazardous substances that could affect public health or the environment. The term is often used broadly to describe various response actions or phases of remedial responses, such as the remedial investigation/feasibility study (RI/FS).

Comment Period: A time period for the public to review and comment on various documents and EPA actions. For example, a comment period is provided when EPA proposes to add sites to the National Priorities List. A minimum 30-day comment period is held to allow community members to review and comment on a draft RI/FS and proposed plan; it must be extended an additional 30 days upon timely request. A comment period is required to amend the ROD. Similarly, a 30-day comment period is provided when EPA proposes to delete a site from the NPL.

Community Relations: EPA's program to inform and involve the public in the Superfund process and respond to community concerns.

Community Relations Plan (CRP): Formal plan for EPA community relations activities at a Superfund site. The CRP is designed to ensure citizen opportunities for public involvement at the site, determine activities that will provide for such involvement, and allow citizens the opportunity to learn more about the site.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA): A Federal law passed in 1980 and modified in 1986 by the Superfund Amendments and Reauthorization Act. The Acts created a special tax that goes into a Trust Fund, commonly known as Superfund, to investigate and clean up abandoned or uncontrolled hazardous waste sites. Under the program, EPA can either:

- Pay for site cleanup when parties responsible for the contamination cannot be located or are unwilling or unable to perform the work, or
- Take legal action to force parties responsible for site contamination to clean up the site or pay back the Federal government for the cost of the cleanup.

Ground Water: Water found beneath the earth's surface that fills pores between materials such as sand, soil, or gravel. In aquifers, ground water occurs in sufficient quantities that it can be used for drinking water, irrigation, and other purposes.

Hazard Ranking System (HRS): A scoring system used to evaluate potential relative risks to public health and the environment from releases or threatened releases of hazardous

substances. EPA and states use the HRS to calculate a site score for contamination migration through air, surface water, or ground water. This score is the primary factor used to decide if a hazardous waste site should be placed on the National Priorities List.

Hazardous Substance: Any material that poses a threat to public health and/or the environment. Typical hazardous substances are materials that are toxic, corrosive, ignitable, explosive, or chemically reactive.

Hydrology: The science dealing with the properties, movement, and effects of water found on the earth's surface, in the soil and rocks below the surface and in the atmosphere.

Information Repository: A file containing current information, technical reports, reference documents, and TAG application information on a Superfund site. The information repository is usually located in a public building that is convenient for local residents, such as a public school, city hall or library.

Monitoring Wells: Special wells drilled at specific locations on or off a hazardous waste site where ground water can be sampled at selected depths and studied to determine the direction of ground water flow and the types and amounts of contaminants present.

National Oil and Hazardous Substances Pollution Contingency Plan (NCP): The Federal regulation that guides the Superfund program. The NCP was revised in February, 1990.

National Priorities List (NPL): EPA's list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial response using money from the Trust Fund. The list is based, primarily, on the score a site receives on the Hazard Ranking System. EPA is required to update the NPL at least once a year.

Preliminary Assessment: The process of collecting and reviewing available information about a known or suspected hazardous waste site or release. EPA or states use this information to determine if the site requires further study. If further study is needed, a site inspection is undertaken.

Proposed Plan: A public participation requirement of CERCLA in which EPA summarizes for the public the preferred clean up strategy, rationale for the preference, alternatives presented in the detailed analysis of the RI/FS, and any proposed waivers to clean up standards. The proposed plan may be prepared as a fact sheet or a separate document. In either case, it must actively solicit public review and comment on all alternatives under consideration.

Record of Decision (ROD): A public document that explains which clean up alternative will be used at National Priorities List sites. The Record of Decision is based on information and technical analysis generated during the RI/FS and consideration of public comments and community concerns.

Remedial Action (RA): The actual construction or implementation phase that follows the remedial design of the selected clean up alternative at a site on the National Priorities List.

Remedial Design (RD): An engineering phase that follows the record of decision when technical drawings and specifications are developed for subsequent remedial action at a site on the National Priorities List.

Remedial Investigation/Feasibility Study (RI/FS): Investigative and analytical studies usually performed at the same time in an interactive, iterative process, and together referred to as the “RI/FS.” An RI/FS is intended to:

- Gather the data necessary to determine the type and extent of contamination at a Superfund site
- Establish criteria for cleaning up the site
- Identify and screen clean-up alternatives for remedial action
- Analyze in detail the remedial technology and costs of the alternatives

Remedial Project Manager (RPM): The EPA or state official responsible for overseeing remedial response activities.

Remedial Response: A long-term action that stops or substantially reduces a release or threatened release of hazardous substances that is serious but does not pose an immediate threat to public health and/or the environment.

Removal Action: An immediate action taken over the short-term to address a release or threatened release of hazardous substances.

Resource Conservation and Recovery Act (RCRA): A federal law that established a regulatory system to track hazardous substances from their generation to disposal. The law requires safe and secure procedures to be used in treating, transporting, storing, and disposing of hazardous substances. RCRA is designed to prevent the creation of new, uncontrolled hazardous waste sites.

Response Action: A CERCLA-authorized action at a Superfund site involving either a short-term removal action or a long-term response action that may include, but is not limited to, the following activities:

- Removing hazardous materials from a site to an EPA-approved, licensed hazardous waste facility for treatment, containment, or destruction
- Containing the waste safely on-site to eliminate further problems
- Destroying or treating the waste on-site using incineration or other technologies, and
- Identifying and removing the source of groundwater contamination and halting further movement of the contaminants.

Responsiveness Summary: A summary of oral and written public comments received by EPA during a comment period on key EPA documents, and EPA’s responses to those comments. The responsiveness summary is a key part of the ROD, highlighting community concerns for EPA decision-makers.

Selected Alternative: The clean-up alternative selected for a site on the National Priorities List based on technical feasibility, permanence, reliability, and cost. The selected alternative does not require EPA to choose the least expensive alternative. It requires that if there are several clean-up alternatives available that deal effectively with the problems at a site, EPA must choose the remedy on the basis of permanence, reliability, and cost.

Site Investigation (SI): A technical phase that follows a preliminary assessment designed to collect more extensive information on a hazardous waste site. The information is used to

score the site using the Hazard Ranking System to determine whether response action is needed.

Superfund: The common name used for the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); also referred to as the Trust Fund.

Superfund Amendments and Reauthorization Act (SARA): Modifications to CERCLA enacted on October 17, 1986.

Surface Water: Bodies of water that are above ground, such as rivers, lakes, and streams.

Technical Assistance Grant (TAG) Program: A grant program that provides funds for qualified citizens' groups to hire independent technical advisors to help them understand and comment on technical decisions relating to Superfund clean-up actions.

Source: EPA Community Relations in Superfund: A Handbook, Appendix E, Superfund Glossary and Acronyms, pages E-1 through E-6. Prepared by the U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, Washington, DC. EPA/540/R-92/009. January 1992.